DRIVEN BY AIR.



PRODUCT CATALOGUE 2026/27

www.pclairtechnology.com



PCL DRIVEN BY AIR.

OPERATIONAL EXCELLENCE DRIVEN BY A CUSTOMER-CENTRIC APPROACH

Throughout the global challenges of recent years, PCL has continued to innovate and support partners and customers with world-class products and service.

PCL has recently invested £0.5 million into lean manufacturing and new product development, with a factory restructure aimed at driving forward efficiency, flexibility, enhancing performance and safety. Changes across the board have created a more agile operation that is reactive to customer demands, with ongoing investments into new machinery and products.

Global network, first-class local support

PCL is renowned for its customer-centric approach and a worldwide network of skilled partners providing a dedicated aftersales service and technical support on the customer's doorstep. This pro-active partnering has established PCL as the brand to buy in over 100 countries.

Partner+ for extended product range and enhanced support

For customers looking for a broader range of products, PCL's Partner+ distributors typically offer bigger inventories and more extensive technical competencies. PCL works closely with these industry experts to provide enhanced product training, collaborative marketing initiatives and in-store demonstrations.

Extensive online resources

PCL offers a one-stop shop for all product and support services at www.pclairtechnology.com. The user-friendly site provides a single point of online access to PCL's products, news and information. Designed to support customers at every stage of their decision-making process, the website includes useful 'How-to' guides and informative videos to help buyers make the most of PCL's compressed air products and tyre inflation equipment.

Exceeding customer expectations

PCL is committed to developing quicker, more responsive and competitive ways to progress from initial idea to market. We strive to meet and exceed customer expectations, improve delivery and performance and maintain the high quality of the PCL brand.

PCL is dedicated to helping its customers develop and prosper through a range of features and benefits.

Comprehensive package

PCL is continually developing its advanced and extensive portfolio of tyre inflation and compressed air equipment to fit any industry need, with bespoke products to meet the demands of local markets.

Built to last

All PCL products are manufactured from the highest quality material with reliability and durability in mind, and thoroughly tested to all (applicable) internationally recognised standards.

Performance

PCL's products out-perform all other comparative brands, with a focus on quality and efficiency resulting in increased production and profit for the customer's business.

Trusted warranties

All PCL products come with a 1-year warranty. AIRFORCE MK4 and ACCURA MK4 now carry a 2-year warranty, and our blue band couplings are backed for 5 years.

Local service, worldwide

A pro-active approach to partnering and pioneering design enables PCL to supply standard and bespoke products, backed up by local customer service and training.

Experience

PCL's unrivalled knowledge and proven track record of manufacturing excellence means customers have access to the best technical expertise and products available.

Technical support

PCL's highly trained experts are on hand to provide customers with full technical assistance, including site visits where necessary.

Dedication to customers

PCL provides a full after sales service, including training and support to sell products, such as bespoke literature and product user manuals.

Why PCL?

PCL has firmly established itself as the international market leader through innovative design and a proactive approach, providing the best products and customer service available...

...for all your pneumatic needs.



NEW PRODUCTS

PCL's world-renowned range of tyre inflation and compressed air equipment can satisfy any industry need, with bespoke products designed to meet the demands of local markets. The company's dedication to continuous development means customers have access to the most advanced and extensive product portfolio available.

PRESTIGE 1/2" STUBBY IMPACT WRENCH

MORE TORQUE. LESS WEIGHT. REDUCED VIBRATION.

Compact yet powerful, the PRESTIGE 1/2" Stubby delivers exceptional performance in a lightweight, easy-to-handle design - perfect for busy workshops where control and comfort matter.

Find out more on page 92



APP220S

PRESTIGE 1/2" FLEXI IMPACT WRENCH



120° HEAD TILT
360° ROTATABLE TRIGGER

APP230S

ULTIMATE ACCESS. TOTAL CONTROL.

Featuring a 360° rotatable trigger for comfortable operation in any position and a 120° head that tilts 60° forward and backward, this versatile tool is ideal for small engine repair, transmission work, and general automotive servicing.

Find out more on page 94

PRESTIGE 1" IMPACT WRENCH

HEAVY-DUTY POWER. SURPRISINGLY LIGHTWEIGHT.

Built to withstand the demands of busy tyre changing workshops, this powerhouse delivers an impressive **2712 Nm** while weighing just **7.1 kg**. Exceptional power -to-weight ratio with easy handling in tighter spaces.

Find out more on page 95



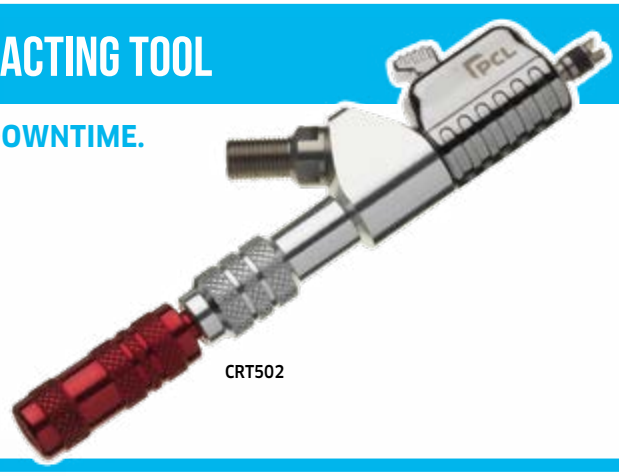
APP271S

QUICK CHANGE TYRE VALVE CORE RETRACTING TOOL

FASTER INFLATION. FASTER DEFLATION. LESS DOWNTIME.

The new CRT502 features a quick-change design to help speed up both inflation and deflation, helping technicians work more efficiently in fast-paced workshop environments.

Find out more on page 53



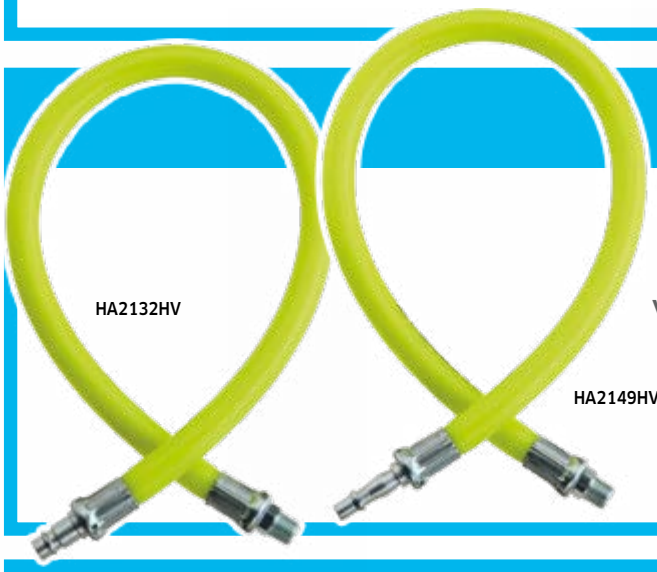
CRT502

HIGH VISIBILITY ANTI-WHIP HOSES

SAFER. MORE VISIBLE. REDUCED WHIP.

An H.S.E-essential for air tool users, now available in high visibility. Designed to reduce vibration and minimise hose whip while helping protect couplings and adaptors.

Find out more on page 27

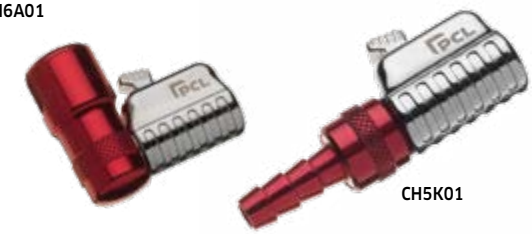


HA2132HV

HA2149HV

OTHER NEW PRODUCTS AVAILABLE

CH6A01



CH5K01

CLOSED END SINGLE CLIP-ON CONNECTORS

Find out more on page 51



APT851

INDUSTRIAL COIL NAILER

Find out more on page 103

CRT501



TYRE VALVE CORE REMOVAL TOOL

Find out more on page 64

COUPLINGS & ADAPTORS



PCL has been designing and manufacturing couplings & adaptors for over 80 years. Within this section you will find the largest selection available, from the standard Airflow range for fixed applications and Vertex for trailing hose, to the common industry interchanges and safety couplings.

COUPLINGS & ADAPTORS
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BEST SELLER

AIRFLOW SERIES

The Airflow Coupling is the original quick release "PCL" with around 75 years of design enhancement. This product is still manufactured in the UK to the highest possible standards, with the "Made in Sheffield" Airflow series now a benchmark in the UK for quality and reliability.

Compatible with the UK Standard Adaptor profile, it is suitable for most compressed air applications, particularly fixed applications where the coupling is used over a workbench or in pipework and a single action is preferred.

FEATURES

- Single action
- Steel construction
- Corrosive resistant finish
- Benchmark in the UK for quality and reliability
- Case-hardened steel adaptors
- Designed for fixed applications
- Compatible with UK Standard Adaptor Profile

5 YEARS EXTENDED WARRANTY

MADE IN SHEFFIELD

INTERCHANGEABLE » RECTUS 19



Part Number	Thread Type	Thread Size
Airflow Couplings		
AC21CM	Male	R 1/4
AC21EM	Male	R 3/8
AC21JM	Male	R 1/2
AC21CF	Female	Rp 1/4
AC21EF	Female	Rp 3/8
AC21JF	Female	Rp 1/2
AC21R	Hose Tailpiece	7 mm / 1/4"
AC21S	Hose Tailpiece	8 mm / 5/16"
AC21T	Hose Tailpiece	10 mm / 3/8"
AC6103	Twin Coupling	N/A

- Nominal bore: 4.8 mm
- Flow rate: 43 cfm @ 100 psi
- Maximum working pressure: 14 bar / 200 psi
- Temperature range: -40°C to 100°C

Part Number	Thread Type	Thread Size
UK Standard Adaptors		
ACA2593	Male	R 1/4
ACA6909	Male	R 3/8
ACA6584	Male	R 1/2
ACA2746	Female	Rp 1/4
ACA6582	Female	Rp 3/8
ACA6583	Female	Rp 1/2
ACA2486	Hose Tailpiece	4.75 mm / 3/16 in
ACA1793	Hose Tailpiece	6.35 mm / 1/4 in
ACA2487	Hose Tailpiece	7.9 mm / 5/16 in
ACA2488	Hose Tailpiece	9.5 mm / 3/8 in
ACA9438	Hose Tailpiece	13 mm / 1/2 in
UK Standard Safety Adaptor		
ACA9101	Male	R 1/4

JARGON BUSTER

Couplings are often referred to as either "females" or "sockets" or "couplers".

Adaptors are also known as "males" or "plugs" or "nipples".

Nominal bore is the term used for the internal diameter of the hole that runs through the length of the adaptor.

VERTEX SERIES

Designed and manufactured in Sheffield by PCL, these quick release Vertex Couplings feature a double action mechanism. This makes them ideal in garages and tyreshops, where operators are using air tools or hand held inflators for trailing hose applications.

FEATURES

- Double action
- Protective shoulder helps to prevent dirt penetration
- Steel construction
- Corrosive resistant finish
- Case-hardened steel adaptors
- Ideal for use in the garage and tyreshop environments
- Designed for trailing hose applications
- Compatible with UK Standard Adaptor Profile

5 YEARS EXTENDED WARRANTY

MADE IN SHEFFIELD

INTERCHANGEABLE » RECTUS 19



Part Number	Thread Type	Thread Size
Vertex Couplings		
AC91CM	Male	R 1/4
AC91EM	Male	R 3/8
AC91JM	Male	R 1/2
AC91CF	Female	Rp 1/4
AC91EF	Female	Rp 3/8
AC91JF	Female	Rp 1/2
AC91R	Hose Tailpiece	7 mm / 1/4"
AC91S	Hose Tailpiece	8 mm / 5/16"
AC91T	Hose Tailpiece	10 mm / 3/8"
AC6503	Twin Coupling	N/A

- Nominal bore: 4.8 mm
- Flow rate: 43 cfm @ 100 psi
- Maximum working pressure: 14 bar / 200 psi
- Temperature range: -40°C to 100°C

Part Number	Thread Type	Thread Size
UK Standard Adaptors		
ACA2593	Male	R 1/4
ACA6909	Male	R 3/8
ACA6584	Male	R 1/2
ACA2746	Female	Rp 1/4
ACA6582	Female	Rp 3/8
ACA6583	Female	Rp 1/2
ACA2486	Hose Tailpiece	4.75 mm / 3/16 in
ACA1793	Hose Tailpiece	6.35 mm / 1/4 in
ACA2487	Hose Tailpiece	7.9 mm / 5/16 in
ACA2488	Hose Tailpiece	9.5 mm / 3/8 in
ACA9438	Hose Tailpiece	13 mm / 1/2 in
UK Standard Safety Adaptor		
ACA9101	Male	R 1/4

MATCHING COUPLINGS AND ADAPTORS

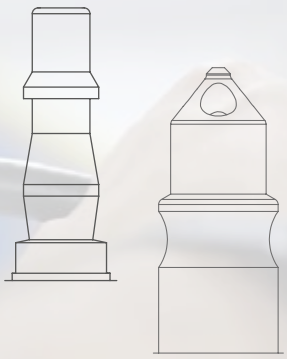
Identifying couplings can be difficult, especially if there is no branding etched or printed on the sleeve - and when it comes to adaptors, different profiles do not interchange. For example, an XF-Euro adaptor will not fit into a Vertex coupling.

Therefore the most important aspect of identifying couplings and adaptors is to establish their profile.

That's why our brochure places them in series so it's easy to see which fit together, whilst our "actual size adaptor profile" chart on page 20 enables adaptors to be matched to the outlines of those shown on the page.

The coupling can then be identified by establishing the adaptor that fits into it using the method above.

PCL couplings and adaptors are manufactured to conform to international standards and are interchangeable with other manufacturers' couplings and adaptors using the same standards.



SAFEFLOW SERIES

Safeflow takes PCL's industry-proven, quick-release Airflow coupling to the next level, featuring a two-stage self-venting release that completely eliminates the risk of hose whip.

When the sleeve is first pulled back, downstream air pressure is safely vented while the adaptor remains securely held. Once the pressure is released, the coupling can be fully disconnected.



FEATURES

- Two-stage self venting release
- Sliding sleeve operation
- Steel construction
- Corrosive resistant finish
- Compatible with UK Standard Adaptor Profile
- Conforms to safety standards ISO 4414:2010

INTERCHANGEABLE » RECTUS 19

5 YEARS EXTENDED WARRANTY

MADE IN SHEFFIELD

Part Number	Thread Type	Thread Size
Safeflow Couplings		
SC21CM	Male	R 1/4
SC21EM	Male	R 3/8
SC21JM	Male	R 1/2
SC21CF	Female	Rp 1/4
SC21EF	Female	Rp 3/8
SC21JF	Female	Rp 1/2
SC21R	Hose Tailpiece	7 mm / 1/4"
SC21S	Hose Tailpiece	8 mm / 5/16"
SC21T	Hose Tailpiece	10 mm / 3/8"

- Nominal bore: 4.8 mm
- Flow rate: 43 cfm @ 100 psi
- Maximum working pressure: 14 bar / 200 psi
- Temperature range: -40°C to 100°C

Part Number	Thread Type	Thread Size
UK Standard Adaptors		
ACA2593	Male	R 1/4
ACA6909	Male	R 3/8
ACA6584	Male	R 1/2
ACA2746	Female	Rp 1/4
ACA6582	Female	Rp 3/8
ACA6583	Female	Rp 1/2
ACA2486	Hose Tailpiece	4.75 mm / 3/16 in
ACA1793	Hose Tailpiece	6.35 mm / 1/4 in
ACA2487	Hose Tailpiece	7.9 mm / 5/16 in
ACA2488	Hose Tailpiece	9.5 mm / 3/8 in
ACA9438	Hose Tailpiece	13 mm / 1/2 in

PREVENT HOSE WHIP: USE HSE RECOMMENDED PRACTICES

WHY USE SAFETY COUPLINGS?

Coupling connections are subject to Health and Safety regulations due to the dangers associated with hose whip.

Using a self-vent safety coupling ensures pressure in the circuit is reduced to a safe level before the coupling and adaptor can be disconnected. This prevents accidental tool operation and uncontrolled whipping of the hose. Not only does this enhance workplace safety by protecting users from the severe injuries caused by hose whip, but companies can also benefit from increased uptime and fewer repair or replacement expenses.

The Health & Safety Guide HS(G)39 recommends that for all hoses above 10mm bore, more than 10m long or subject to a pressure exceeding 7 bar, the connector should have a self-venting coupling due to the dangers associated with hose whip.

WHY USE ANTI-WHIP HOSE?



Protect your coupling and extend its lifespan by fitting an anti-whip Hose between the air tool and the coupling - a solution that also helps prevent dangerous hose whip incidents, in line with health and safety guidelines..

WATCH OUR ANTI WHIP HOSE DEMONSTRATION

Find out more about Anti-Whip Hoses on page 27.

NON-CORRODIBLE SERIES

This non-corrodible, brass range is designed and manufactured by PCL for specialist applications such as non-spark, damp or high condensation environments, and can be used outdoors.

FEATURES

- All brass body coupling and valve with phosphor bronze balls
- For use in non spark, damp or high condensation environments and can be used outdoors
- Positive locking mechanism
- Compatible with UK Standard Adaptor Profile

MADE IN SHEFFIELD

INTERCHANGEABLE » RECTUS 19



Part Number	Thread Type	Thread Size
Non-Corrodible Couplings		
AC32CM	Male	R 1/4
AC32CF	Female	Rp 1/4

- Nominal bore: 4.8 mm
- Flow rate: 43 cfm @ 100 psi
- Maximum working pressure: 14 bar / 200 psi
- Temperature range: -40˚C to 100˚C



Part Number	Thread Type	Thread Size
UK Standard Adaptors		
ACA2593	Male	R 1/4
ACA6909	Male	R 3/8
ACA6584	Male	R 1/2
ACA2746	Female	Rp 1/4
ACA6582	Female	Rp 3/8
ACA6583	Female	Rp 1/2
ACA2486	Hose Tailpiece	4.75 mm / 3/16 in
ACA1793	Hose Tailpiece	6.35 mm / 1/4 in
ACA2487	Hose Tailpiece	7.9 mm / 5/16 in
ACA2488	Hose Tailpiece	9.5 mm / 3/8 in
ACA9438	Hose Tailpiece	13 mm / 1/2 in

HOW TO MEASURE A PIPE THREAD

Thread sizes are based on trade size rather than actual dimension, which often leads to confusion. Here is our simple guide to measuring a thread and identifying it as a British Standard Pipe (BSP).

The BSP is the UK's most commonly used type of thread and falls into two categories:

- Parallel (BSPP) - also known as G or Rp
- Tapered (BSPT) - also known as R or Rc

R, Rp and Rc threads are taken from BS21:1985 pipe threads for tubes and fittings where pressure-tight joints are made on the threads.

Meanwhile G threads are taken from BS2779:1986 pipe threads for tubes and fittings where pressure-tight joints are usually made on a washer or 'O' ring.

How to measure a BSP thread

Using a ruler or Vernier, measure across the outside diameter of a male thread. If the thread measures 0.5" it is not a 1/2" BSP thread.

Using this table, you can see that a measurement of 0.5" is actually a 1/4" BSP thread and that a 0.75" measurement is a 1/2" BSP thread. So, you can basically take 0.25" off your measurement to get the corresponding BSP thread.

WATCH OUR THREAD SIZE DEMONSTRATION



Trade Size (BSP)	Threads per inch (TPI)	Max Diameter		Min Diameter	
		inch	mm	inch	mm
1/8	28	0.383	9.728	0.3372	8.565
1/4	19	0.518	13.157	0.4506	11.445
3/8	19	0.656	16.662	0.5886	14.95
1/2	14	0.825	20.955	0.7336	18.633
3/4	14	1.041	26.441	0.9496	24.12
1	11	1.309	33.249	1.1926	30.292

XF-EURO SERIES

Commonly referred to as Euro Couplings, the XF-Euro series boasts excellent flow characteristics, providing the workshop with increased airflow when required, giving enhanced tool efficiency.

FEATURES

- High flow rate of 130 cfm @ 100 psi
- Steel construction with corrosive resistant finish
- Steel shoulder helps prevent accidental disconnection
- Enhances tool efficiency

5 YEARS EXTENDED WARRANTY

MADE IN SHEFFIELD

INTERCHANGEABLE » CEJN 320 - LEGRIS 25/26 NORGREN 234/238 - RECTUS 25/26 - SCHRADER INTERCHECK 35



Part Number	Thread Type	Thread Size
XF- Euro Couplings		
AC71CM	Male	R 1/4
AC71EM	Male	R 3/8
AC71JM	Male	R 1/2
AC71CF	Female	Rp 1/4
AC71EF	Female	Rp 3/8
AC71JF	Female	Rp 1/2
AC7106	Hose Tailpiece	6 mm
AC7108	Hose Tailpiece	8 mm
AC7109	Hose Tailpiece	9 mm
AC7110	Hose Tailpiece	10 mm
AC7113	Hose Tailpiece	13 mm
AC6703	Twin Coupling	N/A

- Nominal bore: 7.4 mm
- Flow rate @ 6 bar (0.5 bar p.d.): 2,200 l/min
- Maximum working pressure: 35 bar / 508 psi
- Temperature range: -40°C to 100°C

Part Number	Thread Type	Thread Size
XF- Euro Adaptors		
AA7101	Male	R 1/8
AA7102	Male	R 1/4
AA7103	Male	R 3/8
AA7104	Male	R 1/2
AA7105	Female	Rp 1/8
AA7106	Female	Rp 1/4
AA7107	Female	Rp 3/8
AA7108	Female	Rp 1/2
AA7109	Hose Tailpiece	4 mm
AA7110	Hose Tailpiece	6 mm
AA7111	Hose Tailpiece	8 mm
AA7114	Hose Tailpiece	9 mm
AA7112	Hose Tailpiece	10 mm
AA7113	Hose Tailpiece	13 mm
XF- Euro Safety Adaptor		
AA7103/STY	Male	R 3/8

XF-EURO SAFETY SERIES

PCL's XF-Euro Safety Couplings provide a two-stage, self venting release, simply slide the sleeve back to release the pressure, then move the sleeve to the original position to release the adaptor, eliminating the dangers of hose whip.

FEATURES

- Two stage self-venting release
- Sliding sleeve operation
- Enhances workshop safety - prevents hose whip
- Conforms to safety standards ISO 4414:2010



INTERCHANGEABLE » CEJN 320 - LEGRIS 25/26 NORGREN 234/238 - RECTUS 25/26 - SCHRADER INTERCHECK 35

Part Number	Thread Type	Thread Size
XF- Euro Safety Couplings		
AS71CM	Male	R 1/4
AS71EM	Male	R 3/8
AS71JM	Male	R 1/2
AS71CF	Female	Rp 1/4
AS71EF	Female	Rp 3/8
AS71JF	Female	Rp 1/2

- Nominal bore: 7.4 mm
- Flow rate @ 6 bar supply: 1,750 l/min @ 0.5 bar p.d.
- Maximum working pressure: 200 psi / 16 bar

Part Number	Thread Type	Thread Size
XF- Euro Adaptors		
AA7101	Male	R 1/2
AA7102	Male	R 1/4
AA7103	Male	R 3/8
AA7104	Male	R 1/2
AA7105	Female	Rp 1/8
AA7106	Female	Rp 1/4
AA7107	Female	Rp 3/8

Part Number	Thread Type	Thread Size
XF- Euro Adaptors		
AA7108	Female	R 1/2
AA7109	Hose Tailpiece	4 mm
AA7110	Hose Tailpiece	6 mm
AA7111	Hose Tailpiece	8 mm
AA7114	Hose Tailpiece	9 mm
AA7112	Hose Tailpiece	10 mm
AA7113	Hose Tailpiece	13 mm

EMERGENCY COUPLING KITS

Designed to keep in the workshop in case of a pneumatic air line failure, PCL's compact emergency kit contains all the parts a service engineer might need to repair any standard air line failure.

FEATURES

- Includes couplings, adaptors, hose tails, hose connectors, hose clips and PTFE tape to convert or repair an air line connection,
- Solid 'pocket' case with item part numbers and descriptions on the underside,
- Ideal to keep in a van or workshop



Part Number	Description	Kit Contents
ACKIT01	Emergency Vertex Series kit	x 1: AC91CM, AC91CF, HC6560, HC6892, HC6893, HC5656, HC1217, HC2479, HC6895, HC6896 & PTFE tape x 2: ACA2593, ACA2746, 00 & 000 Jubilee Clips
ACKIT02	Emergency XF-Euro Series kit	x 1: AC71CM, AC71CF, HC5656, HC6560, HC6892, HC1217, HC6895, HC6893, HC2479, HC6896 & PTFE tape x 2: AA7102, AA7106, 00 & 000 Jubilee Clips

DID YOU KNOW?

A 2 mm leak may look small, but it can cost over £1,249 per year*. Most leaks come from faulty connection points. Keep your air line airtight with high-quality PCL fittings.

** The British Compressed Air Society, 2022*





100 SERIES

This traditional "Made in Sheffield" coupling range is designed and manufactured by PCL to offer greater airflow characteristics for larger air tool applications in heavy duty garage, tyre shop and industrial environments.

FEATURES

- Hardened shoulder helps prevent accidental disconnection
- Specially designed valves and large aperture adaptors provide increased airflow for heavy duty applications
- Swivel feature prevents kinking of the hose

MADE IN SHEFFIELD



Part Number	Thread Type	Thread Size
100 Series Couplings		
AC5EM	Male	R 3/8
AC5JM	Male	R 1/2
AC5EF	Female	Rp 3/8
AC5JF	Female	Rp 1/2

- Nominal bore: 10.3 mm
- Flow rate: 117 cfm @ 100 psi
- Maximum working pressure: 14 bar / 200 psi
- Temperature range: -40°C to 100°C

Part Number	Thread Type	Thread Size
100 Series Adaptors		
ACA2999	Male	R 3/8
ACA3035	Male	R 1/2
ACA2994	Female	Rp 3/8
ACA3037	Hose Tailpiece	9.5 mm / 3/8 in
ACA3036	Hose Tailpiece	12.7 mm / 1/2 in
100 Series Safety Adaptor		
ACA9301	Male	R 1/2

60 SERIES

Manufactured by PCL for over 60 years, this traditional "Made in Sheffield" coupling range is ideal for fixed and trailing hose applications in garage, tyre shop and industrial environments.

FEATURES

- Hardened shoulder helps prevent accidental disconnection
- Swivel feature prevents kinking of the hose

MADE IN SHEFFIELD



Part Number	Thread Type	Thread Size
60 Series Couplings		
AC4CM	Male	R 1/4
AC4EM	Male	R 3/8
AC4JM	Male	R 1/2
AC4CF	Female	Rp 1/4
AC4EF	Female	Rp 3/8
AC4JF	Female	Rp 1/2

- Nominal bore: 7.1 mm
- Flow rate: 60 cfm @ 100 psi
- Maximum working pressure: 14 bar / 200 psi
- Temperature range: -40°C to 100°C

Part Number	Thread Type	Thread Size
60 Series Adaptors		
ACA2657	Male	R 1/4
ACA2661	Male	R 3/8
ACA2653	Female	Rp 1/4
ACA2660	Female	Rp 3/8
ACA2654	Hose Tailpiece	7.9 mm / 5/16 in
ACA2658	Hose Tailpiece	9.5 mm / 3/8 in
ACA2659	Hose Tailpiece	12.7 mm / 1/2 in
60 Series Safety Adaptor		
ACA9201	Male	R 3/8

1/2" INSTANTAIR SERIES

These InstantAir 1/2" Couplings are made in Sheffield to PCL's high quality and standards. Offering higher flow characteristics, they are ideal for heavy duty industrial applications.

FEATURES

- Bayonet type couplings
- Not interchangeable with standard InstantAir range

MADE IN SHEFFIELD



Part Number	Broomwade Reference	Thread Type	Thread Size
1/2" InstantAir Couplings			
AC59JM	PT8811	Male	R 1/2
AC59JF	PT8812	Female	Rp 1/2

- Nominal bore: 8.0 mm
- Maximum flow rate: 70 cfm @ 100 psi
- Maximum working pressure: 17 bar / 250 psi
- Maximum vacuum: 660 mm / 26 in Hg

Part Number	Broomwade Reference	Thread Type	Thread Size
1/2" InstantAir Adaptors			
AA5904	PT8825	Male	R 1/2
AA5908	PT8827	Female	Rp 1/2

INSTANTAIR SERIES

PCL's "Made in Sheffield" bayonet type, quick acting couplings feature a positive seal, and are designed for maximum efficiency and to prevent accidental uncoupling.

FEATURES

- Bayonet type couplings
- Zinc plated steel / Brass chrome plated
- High temperature version also available

MADE IN SHEFFIELD



Part Number	Broomwade Reference	Thread Type	Thread Size
InstantAir Couplings			
AC51CM	PT8825	Male	G 1/4
AC51EM	PT88257	Male	G 3/8
AC51JM	PT9095	Male	R 1/2
AC51CF	PT8823	Female	Rp 1/4
AC51EF	PT8800	Female	Rp 3/8
AC51JF	PT9096	Female	Rp 1/2
AC51R	PT8800/SU4	Hose Tailpiece	6.35 mm / 1/4 in
AC51S	PT8800/SU5	Hose Tailpiece	7.9 mm / 5/16 in
AC51T	PT8800/SU6	Hose Tailpiece	9.5 mm / 3/8 in
Brass Chrome Plated InstantAir Couplings			
AC52CM	PT8826	Male	G 1/4
AC52CF	PT8824	Male	Rp 1/4

- Nominal bore: 5.6 mm
- Flow rate: 54 cfm @ 100 psi
- Maximum working pressure: 17 bar / 250 psi
- Temperature range: -20°C to 80°C
- Suitable for use with: InstantAir Adaptors

Part Number	Broomwade Reference	Thread Type	Thread Size
InstantAir Adaptors			
AA5102	PT8808	Male	G 1/4
AA5103	PT8817	Male	G 3/8
AA5106	PT8806	Female	Rp 1/4
AA5107	PT8802	Female	Rp 3/8
AA5110	PT8802/SU4	Hose Tailpiece	6.35 mm / 1/4 in
AA5111	PT8802/SU5	Hose Tailpiece	7.9 mm / 5/16 in
AA5112	PT8802/SU6	Hose Tailpiece	9.5 mm / 3/8 in
InstantAir Safety Adaptors			
AA5103/STY	N/A	Male	R 3/8
Brass Chrome Plated InstantAir Adaptors			
AA5202	PT8809	Male	R 1/4

INSTANTAIR SWIVEL ADAPTORS

PCL's InstantAir Swivel Adaptors are suitable for most fixed compressed air applications, although swivel adaptors are recommended for trailing hose applications.

MADE IN SHEFFIELD



Part Number	Broomwade Reference	Thread Type	Thread Size
InstantAir Swivel Adaptors			
AA5302	PT8836	Male	G 1/4
AA5303	PT8838	Male	G 3/8
AA5306	PT8834	Female	Rp 1/4
AA5307	PT8804	Female	Rp 3/8
AA5310	PT8804/SU4	Hose Tailpiece	6.35 mm / 1/4 in
AA5311	PT8804/SU5	Hose Tailpiece	7.9 mm / 5/16 in
AA5312	PT8804/SU6	Hose Tailpiece	9.5 mm / 3/8 in
Brass Chrome Plated InstantAir Swivel Adaptors			
AA5402	PT8837	Male	R 1/4

- Maximum working pressure - Under continuous rotation: 10 bar
- Maximum working pressure - Static and random rotation: 17 bar

STANDARD SCHRADER SERIES

Comprising Schrader Couplings (manufactured by Parker Pneumatics) and compatible adaptors, this series is suitable for larger volume compressed air applications.

FEATURES

- Twist locking feature
- Adaptor can swivel when coupled, eliminating hose kinks



INTERCHANGEABLE » CEJN 399 - RECTUS 19

Part Number	Schrader Reference	Thread Type	Thread Size
Standard Schrader Couplings			
ACS102	9793D-12	Male	R 1/4
ACS103	9792D-12	Male	R 3/8
ACS101	8952DL-12	Female	Rp 1/4
Standard Schrader Compatible Adaptors			
ACAS104	8050B-11	Male	R 1/4
ACAS105	8278L-11	Female	Rp 1/4
ACAS101	8787-11	Hose Tailpiece	6 mm / 1/4 in
ACAS103	9750-11	Hose Tailpiece	8 mm / 5/16 in
ACAS102	8788-11	Hose Tailpiece	10 mm / 3/8 in

- Nominal bore: 5.0 mm
- Flow rate @ 6 bar (0.5 bar p.d.): 900 l/min
- Maximum working pressure: 17 bar / 250 psi
- Temperature range: -20°C to 80°C

HEAVY DUTY SCHRADER SERIES

Heavy Duty Schrader Couplings (manufactured by Parker Pneumatics) with compatible adaptors are generally suitable for most fixed compressed air applications.

FEATURES

- Twist locking feature
- Adaptor can swivel when coupled, eliminating hose kinks



INTERCHANGEABLE » CEJN 399 - RECTUS 19

Part Number	Schrader Reference	Thread Type	Thread Size
Standard Schrader Couplings			
ACS202	1054EL-12	Female	Rp 1/4
ACS203	1095EL-12	Female	Rp 3/8
ACS201	1461EL-12	Female	Rp 1/2
Standard Schrader Compatible Adaptors			
ACAS204	8624B-11	Male	R 1/4
ACAS205	9739-11	Male	R 3/8
ACAS203	8807-11	Male	R 1/4
ACAS206	1261L-11	Female	Rp 1/4
ACAS207	1096B-11	Female	Rp 3/8
ACAS201	1097-11	Hose Tailpiece	10 mm / 3/8 in
ACAS202	1098-11	Hose Tailpiece	12 mm / 1/2 in

- Nominal bore: 8.5 mm
- Flow rate @ 6 bar (0.5 bar p.d.): 500 l/min
- Maximum working pressure: 17 bar / 250 psi
- Temperature range: -20°C to 80°C

Explore our range of hoses






See pages 21-28

MINI SERIES

Designed for light engineering environments, PCL's range of small-bore couplings is widely used in robotics, medical, instrumentation, and automation industries - and is also a favourite among window cleaning professionals using water-fed pole equipment.

FEATURES

- Manufactured in brass with chrome plate finish
- Lightweight and compact design
- Single action / one handed operation

INTERCHANGEABLE » CAMOZZI MINI - LEGRIS 21 NORGREN 233 - RECTUS 21 - SCHRADER MINI





Part Number	Thread Type	Thread Size
Mini Couplings		
AC11AM	Male	R 1/8
AC11CM	Male	R 1/4
AC11BHAM	Male Bulkhead Fixing	R 1/8
AC11BHCM	Male Bulkhead Fixing	R 1/4
AC11AF	Female	Rp 1/8
AC11CF	Female	Rp 1/4
AC11RF6/4	Tube Connector	6 mm OD - 4 mm ID
AC11RF8/6	Tube Connector	8 mm OD - 6 mm ID
AC11BH6/4	Tube Connector Bulkhead Fixing	6 mm OD - 4 mm ID
AC11BH8/6	Tube Connector Bulkhead Fixing	8 mm OD - 6 mm ID
AC1106	Hose Tailpiece	6 mm
AC1108	Hose Tailpiece	8 mm
AC1109	Hose Tailpiece	9 mm
AC11AK6/4	Tube Connector Anti-kink	6 mm OD - 4 mm ID
AC11AK8/6	Tube Connector Anti-kink	8 mm OD - 6 mm ID
Mini Adaptors		
AA11AM	Male	R 1/8
AA11CM	Male	R 1/4
AA11AF	Female	Rp 1/8
AA11CF	Female	Rp 1/4
AA11RF6/4	Tube Connector	6 mm OD - 4 mm ID
AA11RF8/6	Tube Connector	8 mm OD - 6 mm ID
AA1104	Hose Tailpiece	4 mm
AA1106	Hose Tailpiece	6 mm
AA1109	Hose Tailpiece	9 mm
AA11AK6/4	Tube Connector Anti-kink	6 mm OD - 4 mm ID
AA11AK8/6	Tube Connector Anti-kink	8 mm OD - 6 mm ID

- Nominal bore: 5.0 mm
- Flow rate @ 6 bar (0.5 bar p.d.): 560 l/min
- Maximum working pressure: 35 bar / 508 psi
- Temperature range: -20°C to 80°C

Tube connector supplied with locking nut and tube note

A STYLE SERIES

Designed and developed by PCL for most general air applications, commonly used in American and most African markets where this specific profile of adaptor is required.

FEATURES

- Robust slimline construction
- Single action connection
- Steel construction with corrosive resistant finish

MADE IN SHEFFIELD



INTERCHANGEABLE » ARO 210 - CEJN 300 JWL 522/532 - RECTUS 14/22 - SCHRADER EURO

Part Number	Thread Type	Thread Size
A Style Couplings		
AC61CM	Male	R 1/4
AC61EM	Male	R 3/8
AC61JM	Male	R 1/2
AC61CF	Female	Rp 1/4
AC61EF	Female	Rp 3/8
AC61JF	Female	Rp 1/2
AC61R	Hose Tailpiece	7 mm
AC61S	Hose Tailpiece	8 mm
AC61T	Hose Tailpiece	10 mm
A Style Adaptors		
ACA6923	Male	R 1/4
ACA6924	Female	Rp 1/4
ACA6912	Hose Tailpiece	6.35 mm / 1/4 in
ACA6922	Hose Tailpiece	7.9 mm / 5/16 in
ACA6930	Hose Tailpiece	9.5 mm / 3/8 in

- Nominal bore: 5.5 mm
- Flow rate @ 6 bar (0.5 bar p.d.): 650 l/min
- Maximum working pressure: 14 bar / 200 psi
- Temperature range: -40˚C to 100˚C

PF SERIES

PCL has designed and manufactured the quick release PF Series of couplings as a competitive alternative to the genuine Schrader range.

FEATURES

- Competitive alternative to Schrader Couplings and Adaptors
- Lightweight construction
- Superior flow characteristics
- Corrosive resistant finish

MADE IN SHEFFIELD



INTERCHANGEABLE » CEJN 399 RECTUS 17 - STANDARD SCHRADER

Part Number	Thread Type	Thread Size
PF Couplings		
AC77CM	Male	R 1/4
AC77EM	Male	R 3/8
AC77JM	Male	R 1/2
AC77CF	Female	Rp 1/4
AC77EF	Female	Rp 3/8
AC77JF	Female	Rp 1/2
AC7706	Hose Tailpiece	6 mm
AC7708	Hose Tailpiece	8 mm
AC7710	Hose Tailpiece	10 mm
AC7713	Hose Tailpiece	13 mm
PF Adaptors		
AA7702	Male	R 1/4
AA7703	Male	R 3/8
AA7706	Female	Rp 1/4
AA7707	Female	Rp 3/8
AA7710	Hose Tailpiece	6 mm
AA7711	Hose Tailpiece	8 mm
AA7712	Hose Tailpiece	10 mm

- Nominal bore: 5.0 mm
- Flow rate @ 6 bar (0.5 bar p.d.): 2,200 l/min
- Temperature range: -40˚C to 100˚C
- Maximum working pressure: 35 bar / 508 psi

ISO B12 SERIES

PCL's "Made in Sheffield" ISO B12 couplings offer excellent flow characteristics for industrial applications, commonly used in Scandinavian markets where this adaptor profile is required.

FEATURES

- Offers enhanced tool efficiency
- Steel construction with corrosive resistant finish
- Steel shoulder helps prevent accidental disconnection
- Offers excellent flow characteristics

MADE IN SHEFFIELD



INTERCHANGEABLE » CEJN 310
HANSON 3000 - LEGRIS 24 - RECTUS 23/24

Part Number	Thread Type	Thread Size
ISO B12 Couplings		
AC75CM	Male	R 1/4
AC75EM	Male	R 3/8
AC75JM	Male	R 1/2
AC75CF	Female	Rp 1/4
AC75EF	Female	Rp 3/8
AC75JF	Female	Rp 1/2
AC7506	Hose Tailpiece	6 mm
AC7508	Hose Tailpiece	8 mm
AC7510	Hose Tailpiece	10 mm
AC7513	Hose Tailpiece	13 mm
ISO B12 Adaptors		
AA7502	Male	R 1/4
AA7503	Male	R 3/8
AA7504	Male	R 1/2
AA7506	Female	Rp 1/4
AA7507	Female	Rp 3/8
AA7510	Hose Tailpiece	6 mm
AA7511	Hose Tailpiece	8 mm
AA7512	Hose Tailpiece	10 mm
AA7513	Hose Tailpiece	13 mm

- Nominal bore: 5.5 mm
- Flow rate @ 6 bar (0.5 bar p.d.): 1,100 l/min
- Maximum working pressure: 35 bar / 508 psi
- Temperature range: -40˚C to 100˚C

KF SERIES

PCL's KF Series is ideal for portable air tool and industrial applications, offering excellent flow characteristics, commonly used in Asian and Oceania markets where this adaptor profile is required.

FEATURES

- Offers enhanced tool efficiency
- Steel construction with corrosive resistant finish
- Steel shoulder helps prevent accidental disconnection
- Offers excellent flow characteristics

MADE IN SHEFFIELD



INTERCHANGEABLE » CEJN 315
NITTO KOHKI 200 - RECTUS 13

Part Number	Thread Type	Thread Size
KF Couplings		
AC78CM	Male	R 1/4
AC78EM	Male	R 3/8
AC78JM	Male	R 1/2
AC78CF	Female	Rp 1/4
AC78EF	Female	Rp 3/8
AC78JF	Female	Rp 1/2
AC7806	Hose Tailpiece	6 mm
AC7808	Hose Tailpiece	8 mm
AC7810	Hose Tailpiece	10 mm
AC7813	Hose Tailpiece	13 mm
KF Adaptors		
AA7802	Male	R 1/4
AA7803	Male	R 3/8
AA7804	Male	R 1/2
AA7806	Female	Rp 1/4
AA7807	Female	Rp 3/8
AA7808	Female	Rp 1/2
AA7810	Hose Tailpiece	6 mm
AA7811	Hose Tailpiece	8 mm
AA7812	Hose Tailpiece	10 mm
AA7813	Hose Tailpiece	13 mm

- Nominal bore: 7.6 mm
- Flow rate @ 6 bar (0.5 bar p.d.): 2,100 l/min
- Maximum working pressure: 35 bar / 508 psi
- Temperature range: -40˚C to 100˚C

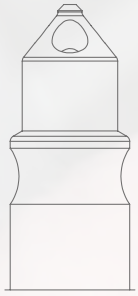
ACTUAL SIZE ADAPTOR PROFILES



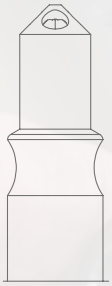
UK STANDARD RANGE

The adaptor profiles displayed are actual size - just place your adaptor on the matching drawing to find its interchange.

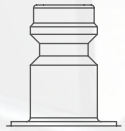
LEARN HOW TO IDENTIFY COUPLINGS & ADAPTORS



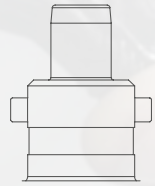
100 SERIES



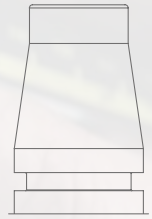
60 SERIES



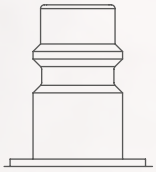
MINI RANGE



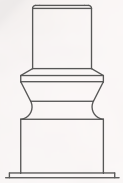
INSTANTAIR RANGE



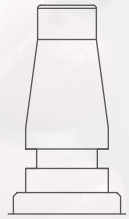
HEAVY DUTY SCHRADER



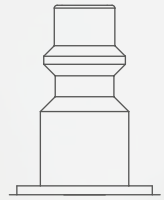
XF-EURO RANGE



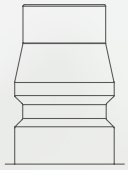
A STYLE RANGE



PF RANGE



ISO B12 RANGE



KF RANGE

ACTUAL SIZE THREADFORM PROFILES

Male thread profiles, displayed as actual size - just place your thread on the matching drawing to find its size.

R, Rp, Rc threads are taken from BS21:1985 pipe threads for tubes and fittings where pressure tight joints are made on the threads.

G threads are taken from BS2779:1986 pipe threads for tubes and fittings where pressure tight joints are not made on the threads

R 1/8 MALE THREAD



R 1/4 MALE THREAD



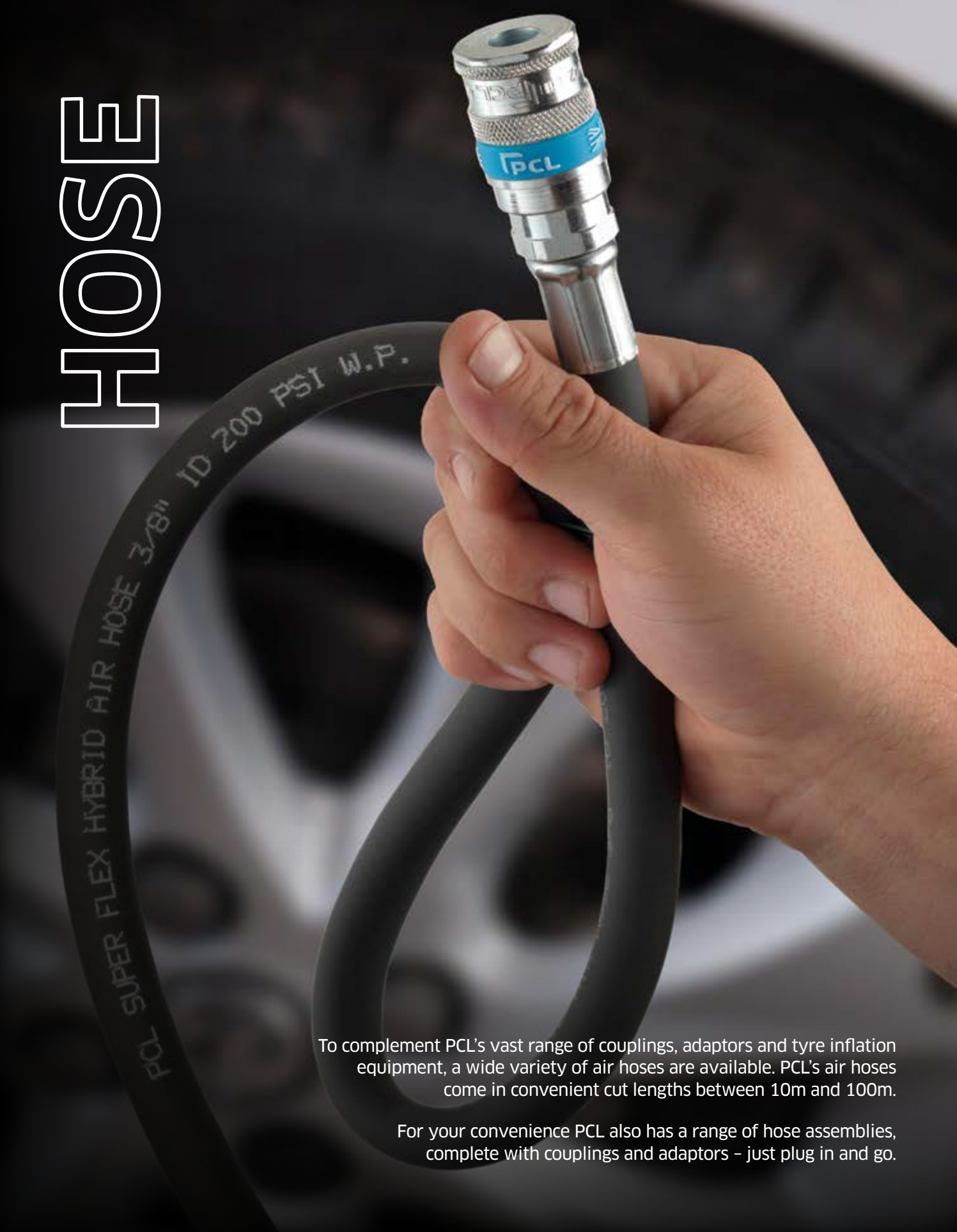
R 3/8 MALE THREAD



R 1/2 MALE THREAD



HOSE



To complement PCL's vast range of couplings, adaptors and tyre inflation equipment, a wide variety of air hoses are available. PCL's air hoses come in convenient cut lengths between 10m and 100m.

For your convenience PCL also has a range of hose assemblies, complete with couplings and adaptors – just plug in and go.

HOSE INDEX









Superflex Hose Assemblies 23
Air Hose 24
Nylon Tubing 24
High Visibility Air Hose Assemblies 25
Air Hoses with Swivel End Fittings 26
Air Tool Hose Assemblies 26
Air Tool Anti-Whip Hoses 27
Polyurethane Coiled Air Hose Assemblies 28
Nylon Coiled Air Hose Assemblies 28

CHOOSING THE RIGHT AIR HOSE

To make the most out of your pneumatic tools, choosing a quality hose is essential to ensure stable air pressure. Consider the following factors:

Length
Choose a hose long enough to reach your work area, but avoid unnecessary length to prevent pressure drops.

Size
Hose diameter affects airflow - ensure the internal diameter matches your tool's CFM requirements.

Pressure
Check the hose's maximum working pressure; it must meet or exceed your air supply.

Hose Type:
Coiled hoses: Save space and help reduce trip hazards.
Standard hoses: Easy to store on reels and suitable for general use.

Material
Polyurethane (PU): Flexible, abrasion-resistant.
Nylon: Suitable for higher-pressure applications.
TPE/PVC: Lightweight and versatile.

Fittings
Selecting the correct fittings and connectors is essential for a proper seal and reliable air tool performance. PCL also offers ready-made hose assemblies with couplings and adaptors, removing the need for crimping equipment so you can simply plug in and go.

SCAN TO READ THE FULL GUIDE

BEST SELLER

SUPERFLEX HOSE ASSEMBLIES

PCL's new 9.5mm (3/8") SuperFlex hose is designed to be extremely flexible and hard-wearing. Highly resistant to ultra-violet and a wide range of acids and alkalis, SuperFlex assemblies provide longer service life and are suitable for a wider range of applications.

In addition, the SuperFlex features anti-kink characteristics, with elimination of hose kinks resulting in minimum air flow loss.



FEATURES

- Soft touch for excellent handling - Increased comfort for the user
- Extremely flexible with good anti-kink characteristics - Minimum air flow loss
- Durable with excellent ageing and ultra-violet resistance - Increased service life
- Highly resistant to a wide range of acids and alkalis - Suitable for a wide range of applications

- **WORKING PRESSURE: 14 BAR / 200 PSI**
- **BURST PRESSURE: 42 BAR / 600 PSI (3:1 SAFETY FACTOR)**
- **TEMPERATURE RANGE: -15°C + 60°C**



SuperFlex Hose with No End Fittings

Part Number	Hose Length (m)	Inside Diameter (mm)
HS25B01SF	5	9.5
HS25C01SF	10	9.5
HS25D01SF	15	9.5
HS25E01SF	20	9.5
HS25X01SF	100	9.5



SuperFlex Hose with XF-Euro Fittings

Part Number	Hose Length (m)	Inside Diameter (mm)
HA2140SF	5	9.5
HA2141SF	10	9.5
HA2142SF	15	9.5
HA2143SF	20	9.5



SuperFlex Hose with Rp 1/4 Swivel End Fittings

Part Number	Hose Length (m)	Inside Diameter (mm)
HA2043SF	5	9.5
HA2044SF	10	9.5
HA2045SF	15	9.5
HA2046SF	20	9.5



SuperFlex Hose with Standard Adaptor and Vertex Coupling Fittings

Part Number	Hose Length (m)	Inside Diameter (mm)
HA2133SF	5	9.5
HA2134SF	10	9.5
HA2139SF	15	9.5
HA2129SF	20	9.5

AIR HOSE

PCL's air hose is made from a high-performance TPE compound, meaning it looks and feels like rubber but doesn't have its associated downsides.

Available in various cut lengths from 10m to 100m, it can also be ordered cut to the precise length required to reduce waste.

FEATURES

- Excellent abrasion resistance
- Good flexibility and kink resistant
- Silicone free



Part Number	Inside Diameter (mm)	Inside Diameter (mm)	Hose Length (m)
1/4" Hose			
HS22C01	7 mm / 1/4 in	14	10
HS22D01	7 mm / 1/4 in	14	15
HS22E01	7 mm / 1/4 in	14	20
HS22H01	7 mm / 1/4 in	14	30
HS22X01	7 mm / 1/4 in	14	100
5/16" Hose			
HS24C01	8 mm / 5/16 in	15	10
HS24D01	8 mm / 5/16 in	15	15
HS24E01	8 mm / 5/16 in	15	20
HS24H01	8 mm / 5/16 in	15	30
HS24X01	8 mm / 5/16 in	15	100
3/8" Hose			
HS25C01	10 mm / 3/8 in	17	10
HS25D01	10 mm / 3/8 in	17	15
HS25E01	10 mm / 3/8 in	17	20
HS25H01	10 mm / 3/8 in	17	30
HS25X01	10 mm / 3/8 in	17	100
1/2" Hose			
HS27C01	13 mm / 1/2 in	21	10
HS27D01	13 mm / 1/2 in	21	15
HS27E01	13 mm / 1/2 in	21	20
HS27H01	13 mm / 1/2 in	21	30
HS27X01	13 mm / 1/2 in	21	10

- Working pressure: 21 bar / 300 psi
- Burst pressure: 63 bar / 900 psi (3:1 safety factor)
- Temperature range: -15°C to 60°C

Please note - an increase in temperature above 20°C will affect the working pressure quoted above

NYLON TUBING

Manufactured from high quality nylon granules, this tubing is ideal for use with push-in fittings and for a wide range of industrial applications, including: compressed air, lubrication, refrigeration, air conditioning, coolant lines, fuels and oils.

FEATURES

- Available in 3 colours: Natural, Black and Blue
- Supplied in 30m coils



Part Number	Inside Diameter (mm)	Inside Diameter (mm)	Working Pressure	Bend Radius (mm)
TRN-4/2.5-*	2.5	4	400 psi / 27 bar	16
TRN-6/4-*	4	6	350 psi / 24 bar	35
TRN-8/6-*	6	8	255 psi / 17 bar	60
TRN-10/8-*	8	10	200 psi / 14 bar	100
TRN-12/10-*	10	12	160 psi / 11 bar	125

When ordering replace * in the part number with your colour choice (NATURAL, BLACK or BLUE). If no colour choice is specified, Natural will be supplied as standard.

Please note - values stated are based on the short term burst pressure of nylon at 20°C using a 4:1 safety factor

- Material: Nylon 11 or 12
- Temperature range: -35°C to 70°C

ALSO AVAILABLE

EXPLORE OUR RANGE OF PUSH-IN FITTINGS



See pages 35-36

HIGH VISIBILITY AIR HOSE ASSEMBLIES

HI-VIS

This bright yellow hose is manufactured from reinforced material, providing high visibility for extra safety.

Available in popular cut lengths complete with end fittings, saving you time and the need for expensive crimping equipment.

FEATURES

- High visibility to increase safety
- Good flexibility and kink resistant
- Resistance to oil and fuels





- Working pressure: 20 bar / 290 psi
- Burst pressure: 60 bar / 870 psi (3:1 safety factor)
- Temperature range: -15˚C to 60˚C

Please note - an increase in temperature above 20˚C will affect the working pressure quoted above

★★★★★

"They're so soft and flexible, don't harden up - and their brightness makes them stand out."

Commercial Fleet Maintenance Workshop



High Visibility Hose with Rp 1/4 Swivel Ends

Part Number	Hose Length (m)	Inside Diameter (mm)
HA2044HV	10	10 mm / 3/8 in
HA2022HV	15	10 mm / 3/8 in
HA2046HV	20	10 mm / 3/8 in



High Visibility Hose with Vertex Coupling and Standard Adaptor

Part Number	Hose Length (m)	Inside Diameter (mm)
HA2134HV	10	10 mm / 3/8 in
HA2129HV	20	10 mm / 3/8 in



High Visibility Hose with XF-Euro Coupling and Adaptor

Part Number	Hose Length (m)	Inside Diameter (mm)
HA2141HV	10	10 mm / 3/8 in
HA2143HV	20	10 mm / 3/8 in

AIR HOSES WITH SWIVEL END FITTINGS

PCL's air hose is available with swivel end fittings. Made from a high-performance TPE compound, it looks and feels like rubber but without its associated downsides.

Available in popular cut lengths complete with end fittings, saving you time and the need for expensive crimping equipment.

FEATURES

- Resistance to oil and fuels
- Good flexibility and kink resistant
- Silicone free
- Excellent abrasion resistance



Part Number	Fittings	Hose Length (m)	Inside Diameter (mm)
1/4" Hose			
HA2011	Rp 1/4 Swivel Ends	5	7 mm / 1/4 in
HA2016	Rp 1/4 Swivel Ends	10	7 mm / 1/4 in
HA2020	Rp 1/4 Swivel Ends	15	7 mm / 1/4 in
HA2001	Rp 1/4 Swivel Ends	20	7 mm / 1/4 in
5/16" Hose			
HA20112	Rp 1/4 Swivel Ends	5	8 mm / 5/16 in
HA2017	Rp 1/4 Swivel Ends	10	8 mm / 5/16 in
HA2021	Rp 1/4 Swivel Ends	15	8 mm / 5/16 in
HA2002	Rp 1/4 Swivel Ends	20	8 mm / 5/16 in
3/8" Hose			
HA2043	Rp 1/4 Swivel Ends	5	10 mm / 3/8 in
HA2044	Rp 1/4 Swivel Ends	10	10 mm / 3/8 in
HA2045	Rp 1/4 Swivel Ends	15	10 mm / 3/8 in
HA2046	Rp 1/4 Swivel Ends	20	10 mm / 3/8 in
HA2013	Rp 3/8 Swivel Ends	5	10 mm / 3/8 in
HA2018	Rp 3/8 Swivel Ends	10	10 mm / 3/8 in
HA2022	Rp 3/8 Swivel Ends	15	10 mm / 3/8 in
HA2003	Rp 3/8 Swivel Ends	20	10 mm / 3/8 in
1/2" Hose			
HA2014	Rp 1/2 Swivel Ends	5	13 mm / 1/2 in
HA2019	Rp 1/2 Swivel Ends	10	13 mm / 1/2 in
HA2023	Rp 1/2 Swivel Ends	15	13 mm / 1/2 in
HA2004	Rp 1/2 Swivel Ends	20	13 mm / 1/2 in

- Working pressure: 21 bar / 300 psi
- Burst pressure: 63 bar / 900 psi (3:1 safety factor)
- Temperature range: -15°C to 60°C

Please note - an increase in temperature above 20°C will affect the working pressure quoted above

AIR TOOL HOSE ASSEMBLIES

PCL's air tool hose is made from a high-performance TPE compound which looks and feels like rubber but doesn't have its associated downsides.

Available in popular cut lengths complete with PCL fittings, investing in a PCL air tool hose saves the time and expense of buying expensive crimping equipment.

Just plug in and go.

FEATURES

- Resistance to oil and fuels
- Good flexibility and kink resistant
- Silicone free

Vertex Coupling & Standard Adaptor Air Tool Hose



XF-Euro Coupling & Adaptor Air Tool Hose



100 Series Coupling & Adaptor Air Tool Hose



100 Series Adaptor & R1/2 Male Air Tool Hose



Standard Adaptor & R1/4 Male Air Tool Hose



For most air tool applications we recommend 10m hose

Part Number	Hose Length (m)	Inside Diameter (mm)
Vertex Coupling & Standard Adaptor Air Tool Hose		
HA2135	5	8 mm / 5/16 in
HA2125	10	8 mm / 5/16 in
HA2137	15	8 mm / 5/16 in
HA2138	20	8 mm / 5/16 in
HA2133	5	10 mm / 3/8 in
HA2134	10	10 mm / 3/8 in
HA2139	15	10 mm / 3/8 in
HA2129	20	10 mm / 3/8 in
XF-Euro Coupling & Adaptor Air Tool Hose		
HA2140	5	10 mm / 3/8 in
HA2141	10	10 mm / 3/8 in
HA2142	15	10 mm / 3/8 in
HA2143	20	10 mm / 3/8 in
100 Series Coupling & Adaptor Air Tool Hose		
HA2144	10	13 mm / 1/2 in
HA2150	15	13 mm / 1/2 in
HA2128	20	13 mm / 1/2 in
HA2152	30	13 mm / 1/2 in
100 Series Adaptor & R1/2 Male Air Tool Hose		
HA2110	10	13 mm / 1/2 in
HA2111	20	13 mm / 1/2 in
Standard Adaptor & R1/4 Male Air Tool Hose		
HA2112	10	8 mm / 5/16 in
HA2113	20	8 mm / 5/16 in
RHA2036	10	10 mm / 3/8 in
RHA2037	20	10 mm / 3/8 in

- Working pressure: 21 bar / 300 psi
- Burst pressure: 63 bar / 900 psi (3:1 safety factor)
- Temperature range: -15°C to 60°C

Please note - an increase in temperature above 20°C will affect the working pressure quoted above

AIR TOOL ANTI-WHIP HOSES

PCL's anti-whip hoses are highly recommended by the Health & Safety Executive's Guide HS(G) 39 as they are designed to distance an air tool from its air supply to prevent vibration. This enables tools to be used safely and helps to prolong the life of couplings and adaptors.

FEATURES

- Helps to prolong the life of couplings and adaptors
- Improves ease of handling - reduces operator fatigue
- Simply "Plug-in and go"



Part Number	Fittings	Hose Length	Inside Diameter (mm)
Colour: Black			
HA2108	Standard Adaptor & R 1/4 Male	0.6 m / 2 ft	7 mm / 1/4 in
HA2124N	Standard Adaptor & NPT 1/4 Male	0.6 m / 2 ft	7 mm / 1/4 in
HA2149	Standard Adaptor & R 1/4 Male	0.6 m / 2 ft	10 mm / 3/8 in
HA2109	Standard Adaptor & R 3/8 Male	0.6 m / 2 ft	10 mm / 3/8 in
HA2155	Standard Adaptor & R 3/8 Male	0.4 m / 16 in	8 mm / 5/16 in
HA2116	100 Series Adaptor & R 1/2 Male	0.6 m / 2 ft	13 mm / 1/2 in
HA2132	XF-Euro Adaptor & R 1/4 Male	0.6 m / 2 ft	10 mm / 3/8 in
Colour: High Visibility Yellow			
HA2149HV	Standard Adaptor & R 1/4 Male	0.6 m / 2 ft	10 mm / 3/8 in
HA2132HV	XF-Euro Adaptor & R 1/4 Male	0.6 m / 2 ft	10 mm / 3/8 in

- Working pressure @ 20°C: 21 bar / 300 psi
- Burst pressure: 63 bar / 900 psi (3:1 safety factor)
- Temperature range: -15°C to 60°C

Please note - an increase in temperature above 20°C will affect the working pressure quoted above

THE IMPORTANCE OF USING AN AIR TOOL ANTI-WHIP HOSE

Coupling connections are subject to Health and Safety regulations due to the vibrations associated with air tool use. Vibrations can cause the quick disconnect couplings to come loose from the tool, leaving the hose to swing erratically due to air pressure released. which can result in severe injury.

To prevent this, safety guidelines recommend fitting an Air Tool Anti-Whip Hose between the air tool and the coupling, distancing the air tool from its air supply and stopping the vibration. The hose end of the assembly is screwed directly to the inlet of the tool, whilst the quick disconnect coupling is screwed into the lubricator or filter/lubricator, six feet from the tool. This distance gives the operator safety room if the coupling were to disconnect under pressure.

For exact guidelines, please see Health & Safety Executive Guide HS(G) 39, which states that "If a quick-acting coupling socket is fitted at the hose end adjacent to the tool, the plug should not be screwed directly into the inlet port but should be fitted onto a short isolation hose". The International Standard (ISO 6150:2018) recommends a minimum of 300mm of flexible hose, thus isolating the plug and socket from the tool vibrations. Also see ISO 4414:2010 for safety requirements covering the installation and use of pneumatic equipment.



SCAN TO READ THE FULL GUIDE

POLYURETHANE COILED AIR HOSE ASSEMBLIES

PU Coiled Air Hose Assemblies are made from Polyurethane (PU) material rather than nylon, increasing the effective working temperature range and removing limitations such as kinking, abrasion and resistance to oils.

PU allows use in any direction, eliminating hose kinks to aid air flow. It also provides ease of use when attached to tools, helps protect tool ends and leaves the work area clear of entanglements and trip hazards. Available in a range of colours, hose sizes and working lengths.

FEATURES

- Polyurethane (PU) material
- Nickel plated 360° swivel fittings
- 200 mm straight ends with spring guard







Part Number	Fittings	Hose Length (m)	Inside Diameter (mm)	Outside Diameter (mm)
Colour: Red				
HA5209	Rp 1/4 Swivel Ends	2.5	6.5	10
HA5211	Rp 1/4 Swivel Ends	5	6.5	10
HA5213	Rp 1/4 Swivel Ends	7.5	6.5	10
HA5216	Rp 1/4 Swivel Ends	7.5	8	12
HA5218	Rp 1/4 Swivel Ends	10	8	12
HA5220	Rp 3/8 Swivel Ends	10	10	15
Colour: Blue				
HA5210	Rp 1/4 Swivel Ends	2.5	6.5	10
HA5212	Rp 1/4 Swivel Ends	5	6.5	10
HA5214	Rp 1/4 Swivel Ends	7.5	6.5	10
HA5217	Rp 1/4 Swivel Ends	7.5	8	12
HA5219	Rp 1/4 Swivel Ends	10	8	12
HA5221	Rp 3/8 Swivel Ends	10	10	15

- Working pressure: 14 bar / 200 psi
- HA5220 & HA5221: Working Pressure: 10 bar / 150 psi
- Temperature range: -20˚C to 60˚C

Also available with a plastic spring guard. Commonly used on forecourt tyre inflation equipment.

Part Number	Fittings	Hose Length (m)	Inside Diameter (mm)	Outside Diameter (mm)
HA5222/PL	Rp 1/4 Swivel Ends	10	6.5	10

- Working pressure: 14 bar / 200 psi
- Temperature range: -20˚C to 60˚C

NYLON COILED AIR HOSE ASSEMBLIES

PCL's Nylon Coiled Air Hose Assemblies are manufactured from top quality nylon resin with nickel-plated 360° swivel fittings. This compact lightweight hose is ideal for workshops where normal tubing may be a trip hazard..

FEATURES

- 200 mm straight ends with spring guard
- Nickel plated 360º swivel ends
- Nylon material



Part Number	Fittings	Hose Length (m)	Inside Diameter (mm)	Outside Diameter (mm)	Colour
HA5201	R 1/4 Swivel Ends	7.6 m / 25 ft	6	8	Red

- Working pressure: 14 bar / 200 psi
- Temperature range: -20˚C to 60˚C

HOSE FITTINGS



PCL's hose fittings are designed to complement our vast range of tyre inflation and compressed air products so you can connect your equipment to an existing air line or hose. With the most comprehensive portfolio available on the market, we cover all eventualities, from general maintenance to repairs and emergencies. We also supply an extensive selection of BSP fittings, including male and female adaptors.

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BEST SELLER

JUBILEE® HOSE CLIPS

The original stainless steel Jubilee® Hose Clip is suitable for most applications. It features a continuously threaded band to enable extra flexibility, maximum band tension and clamping force when adjusting the clip to the correct size. The smooth inside profile of the band and rolled edges give protection for all types of hoses, including soft rubber or silicone hoses.

Jubilee® clips are independently tested by the British Standards Institute (BSI) and carry the British Standard Kitemark™ - a sign of the highest quality and trust recognised across many industries.

The 304 Stainless Steel option is Lloyds Register approved for marine use.





Part Number	Size	BS Number	Adjustment	Box Quantity
Type: Mild Steel Zinc Plated				
JC9512	000	12	9.5 - 12 mm	10
JC1116	M00	16	11 - 16 mm	10
JC1320	00	20	13 - 20 mm	10
JC1622	0	22	16 - 22 mm	10
JC1825	0X	25	18 - 25 mm	10
JC2230	1A	30	22 - 30 mm	10
JC2535	1	35	25 - 35 mm	10
JC3040	1X	40	30 - 40 mm	10
JC3245	1M	45	32 - 45 mm	10
JC3550	2A	50	35 - 50 mm	10
JC4055	2	55	40 - 55 mm	10
JC4560	2X	60	45 - 60 mm	10
JC5570	3	70	55 - 70 mm	10
JC6080	3X	80	60 - 80 mm	1
JC7090	4	90	70 - 90 mm	1
JC85100	4X	100	85 - 100 mm	1
JC90120	5	120	90 - 120 mm	1
JC110140	6	140	110 - 140 mm	1
JC120150	6X	150	120 - 150 mm	1
JC135165	7	165	135 - 165 mm	1
JC158190	7.5	190	158 - 190 mm	1
JC184216	8.5	216	184 - 216 mm	1
JC210242	9.5	242	210 - 242 mm	1
JC235267	10.5	267	235 - 267 mm	1
JC260292	11.5	292	260 - 292 mm	1
JC286318	12.5	318	286 - 318 mm	1

Part Number	Size	BS Number	Adjustment	Box Quantity
Type: 304 Stainless Steel				
JC9512/ST	000	12	9.5 - 12 mm	10
JC1116/ST	M00	16	11 - 16 mm	10
JC1320/ST	00	20	13 - 20 mm	10
JC1622/ST	0	22	16 - 22 mm	10
JC1825/ST	0X	25	18 - 25 mm	10
JC2230/ST	1A	30	22 - 30 mm	10
JC2535/ST	1	35	25 - 35 mm	10
JC3040/ST	1X	40	30 - 40 mm	10
JC3245/ST	1M	45	32 - 45 mm	10
JC3550/ST	2A	50	35 - 50 mm	10
JC4055/ST	2	55	40 - 55 mm	10
JC4560/ST	2X	60	45 - 60 mm	10
JC5570/ST	3	70	55 - 70 mm	10
JC6080/ST	3X	80	60 - 80 mm	1
JC7090/ST	4	90	70 - 90 mm	1
JC85100/ST	4X	100	85 - 100 mm	1
JC90120/ST	5	120	90 - 120 mm	1
JC110140/ST	6	140	110 - 140 mm	1
JC120150/ST	6X	150	120 - 150 mm	1
JC135165/ST	7	165	135 - 165 mm	1
JC158190/ST	7.5	190	158 - 190 mm	1
JC184216/ST	8.5	216	184 - 216 mm	1
JC210242/ST	9.5	242	210 - 242 mm	1
JC235267/ST	10.5	267	235 - 267 mm	1
JC260292/ST	11.5	292	260 - 292 mm	1
JC286318/ST	12.5	318	286 - 318 mm	1

JUBILEE® 'O' CLIPS

Jubilee® 'O' Clips are two ear clamps, mainly used on air, fluid, gas and steam lines but also suitable for low pressure hydraulic applications. Instead of a screw mechanism, pincers are used to provide a secure seal, crimping the ears of the clamp.
This makes them particularly useful on extremely small hoses.
The tamper-proof nature of the fitting makes Jubilee® 'O' Clips ideal for when a neat finish is required, with no bulky housing to catch on obstructions.



Part Number	Size	Clamp Range	Box Quantity
OC0507	0507	5 - 7 mm	50
OC0509	0709	7 - 9 mm	50
OC0911	0911	9 - 11 mm	50
OC1113	1113	11 - 13 mm	50
OC1315	1315	13 - 15 mm	50
OC1417	1417	14 - 17 mm	50
OC1518	1518	15 - 18 mm	50
OC1720	1720	17 - 20 mm	50
OC1821	1821	18 - 21 mm	50
OC2023	2023	20 - 23 mm	50

Part Number	Size	Clamp Range	Box Quantity
OC2225	2225	22 - 25 mm	25
OC2327	2327	23 - 27 mm	25
OC2528	2528	25 - 28 mm	25
OC2831	2831	28 - 31 mm	25
OC3134	3134	31 - 34 mm	25
OC3437	3437	34 - 37 mm	25
OC3740	3740	37 - 40 mm	25
OC4043	4043	40 - 43 mm	25
OC4346	4346	43 - 46 mm	25

JUBILEE® SIDE CLOSING 'O' CLIP PINCER

The high-precision Side Closing Pincer is especially designed to easily crimp and obtain a secure seal of Jubilee® 'O' Clips (two ear clamps).



Part Number	Description
CPR01	Jubilee® Side Closing 'O' Clip Pincer

JUBILEE® FLEXIDRIVER

The Flexidriver is invaluable for the efficient, rapid and easy adjustment of Jubilee® hose clips, featuring a flexible shaft designed to reach all those awkward places.



Part Number	Description
FDR1	Jubilee® Flexidriver

JUBILEE® CLIPDRIVER

With its rigid shaft and 7mm socket driver, the Jubilee® Clipdriver is designed for the easy adjustment of Jubilee® hose clips in inaccessible areas.



Part Number	Description
CDR95	95 mm Jubilee® Clipdriver

JUBILEE® WORKSHOP PACK

The Jubilee® Workshop Pack contains 143 of the most popular Mild Steel Zinc Plated Jubilee® Hose Clips, ranging from 9.5 mm to 40 mm. Supplied in a sturdy plastic, reusable box, suitable for any tough industrial environment.



Part Number	Dimensions (mm)	Kit Contents
WP143	55 (H) x 330 (W) x 250 (D)	x32: M00 x13: 0 x28: 00 x24: 000 x14: 0X x13: 1 x12: 1A x7: 1X

JUBILEE® 'O' CLIP KITS

The 'O' Clip Kit from Jubilee® is handy for when you need a selection of different size clips on the move. This versatile, convenient dispenser is suitable for the most popular sizes of double ear clips, with or without a side closing pincer.



Part Number	Dimensions (mm)	Kit Contents
OK175	40 (H) x 270 (W) x 175 (D)	x20: 0507, 0911, 1113, 1417, 1518, 1720 x25: 0709 x30: 1315
OK175P	40 (H) x 270 (W) x 175 (D)	As above plus x1: Jubilee® Side Closing 'O' Clip Pincer

HOSE TAIL ADAPTOR

This corrosive-resistant, plated Hose Tail Adaptor connects the hose to a female fitting.



Part Number	Hose Internal Diameter
Male Thread: R 1/4	
HC1205	4.75 mm / 3/16 in
HC5656	6.35 mm / 1/4 in
HC1206	7.9 mm / 5/16 in
HC1217	9.5 mm / 3/8 in
HC2479	12.7 mm / 1/2 in

Part Number	Hose Internal Diameter
Male Thread: R 3/8	
HC6904	6.35 mm / 1/4 in
HC6905	7.9 mm / 5/16 in
HC2951	9.5 mm / 3/8 in
HC2808	12.7 mm / 1/2 in
Male Thread: R 1/2	
HC6908	9.5 mm / 3/8 in
HC2954	12.7 mm / 1/2 in
Male Thread: R 1/4 NPT	
HC9336	6.35 mm / 1/4 in

CONED TAILPIECE

Made from hardened steel with corrosive-resistant plating for long life and durability, the Coned Tailpiece is used in conjunction with union nuts to connect the hose to a male threaded fitting.

Part Number	Hose Internal Diameter
Union Nut Size: R 1/4	
HC5030	4.75 mm / 3/16 in
HC5275	6.35 mm / 1/4 in
HC5276	7.9 mm / 5/16 in
HC1225	9.5 mm / 3/8 in
Union Nut Size: R 3/8	
HC2595	6.35 mm / 1/4 in
HC2594	7.9 mm / 5/16 in
HC2192	9.5 mm / 3/8 in



CONED TAILPIECE & UNION NUT

The corrosive-resistant Coned Tailpiece and Union Nut come together in various combinations for different connection types.

Part Number	Hose Internal Diameter
Female Thread: Rp 1/4	
HC5194 + HC5030	4.75 mm / 3/16 in
HC5275/5194	6.35 mm / 1/4 in
HC5276/5194	7.9 mm / 5/16 in
HC1226 + HC1225	9.5 mm / 3/8 in
Female Thread: Rp 3/8	
HC2595 + HC2181	6.35 mm / 1/4 in
HC2181 + HC2594	7.9 mm / 5/16 in
HC2192/2181	9.5 mm / 3/8 in





DOUBLE UNION

This corrosive-resistant nut is used to connect fittings (male to male).

Part Number	Male Thread
HC6560	R 1/4
HC4281	R 3/8
HC6898	R 1/2



UNION SWIVEL NUT

The corrosive-resistant Union Swivel Nut is used in conjunction with Coned Tailpieces for various connection types.



Part Number	Suitable For	Coned Tailpiece Part Number
Female Thread: Rp 1/4		
HC5194	4.75 mm / 3/16 in to 7.9 mm / 5/16 in	HC5030, HC5275, HC5276
HC1226	9.5 mm / 3/8 in	HC1225
Female Thread: Rp 3/8		
HC2181	6.35 mm / 1/4 in to 9.5 mm / 3/8 in,	HC2192, HC2594

INCREASING BUSH

The corrosive-resistant Increasing Bush is used to increase thread size when connecting differing hose diameters (male to female).



Part Number	Male Thread	Female Thread
HC6475	R 1/4	Rp 3/8

REDUCING BUSH

The corrosive-resistant Reducing Bush is used to increase thread size when connecting differing hose diameters.



Part Number	Thread Type	Thread Type
HC6895	R 3/8 (Male)	Rp 1/4 (Female)
HC6896	R 1/2 (Male)	Rp 1/4 (Female)
HC6897	R 1/2 (Male)	Rp 3/8 (Female)
HC6892	Rp 3/8 (Female)	Rp 1/4 (Female)
HC6893	Rp 1/2 (Female)	Rp 1/4 (Female)

REDUCING UNION

The corrosive-resistant Reducing Union is used to connect fittings.



Part Number	Male Thread (1)	Male Thread (2)
HC6899	R 3/8	R 1/4
HC6900	R 1/2	R 1/4
HC6901	R 1/2	R 3/8

HOSE CONNECTOR/REPAIRER

Perfect for repairing damage along a line of hose, or for connecting two lengths of hose together.



Part Number	Hose Internal Diameter
HC2983	6.35 mm / 1/4 in
HC2984	7.9 mm / 5/16 in
HC2985	9.5 mm / 3/8 in
HC2986	12.7 mm / 1/2 in

NPT THREAD CONVERTER

Specially designed to allow PCL couplings and adaptors to be fitted to 1/4 NPT threads.



Part Number	Male Thread	Female Thread
HC9560	1/4 NPT	Rp 1/4
HC9573	R 1/4	1/4 NPT

Y PIECE CONNECTOR

For splitting a single connection into two, the Y Piece enables the use of more than one air tool.



Part Number	Female Thread
SPR4279	Rp 1/4
HC2043 - 1/2	Rp 1/2

HOSE CONNECTOR KIT

Ideal for service engineers, or for workshops in case of a hose failure, this handy kit includes genuine PCL Hose Tails, Union Nuts, Coned Tailpieces and Reducing Bushes - all stored in a solid compact pocket case.



Part Number	Kit Contents
HCKIT01	x4: HC5194 x3: HC5656, HC1206, HC1217 x2: HC2479, HC5276, HC5275, HC1226, HC6897, HC1225 x1: HC6560, HC6895, HC6896

FLEXIBLE ELBOW

A flexible connection used to eliminate hose kinks.



Part Number	Working Pressure	Male Thread	Female Thread
FE101	140 psi / 10 bar	R 1/4	Rp 1/4

PARALLEL SOCKET

A corrosive-resistant plated socket used for straight connections.



Part Number	Female Thread	Female Thread
HC6889	Rp 1/4	Rp 1/4
HC2543-3/8	Rp 3/8	Rp 3/8
HC2543-1/2	Rp 1/2	Rp 1/2

EQUAL FEMALE TEE

An intermediate equal female tee connector which can be connected and disconnected with one hand, without tools. Suitable for equal tee female connections.



Part Number	Female Thread
HC2003-1/4	Rp 1/4
HC2003-3/8	Rp 3/8
HC2003-1/2	Rp 1/2

FIXED FEMALE ELBOW

For 90° female to female connections, designed to assist with the assembly of fluid power components and systems.



Part Number	Female Thread
HC2013-1/4	G 1/4
HC2013-3/8	G 3/8
HC2013-1/2	G 1/2

MALE STUD



Made from corrosive-resistant brass, this straight, conical male connector can be connected and disconnected with one hand.

Part Number	Connection (in)
External Diameter (mm): 4	
PMSO4M5	M5
PMS401	1/8
PMS402	1/4
External Diameter (mm): 6	
PMS601	1/8
PMS602	1/4
External Diameter (mm): 8	
PMS801	1/8
PMS802	1/4
PMS803	3/8
External Diameter (mm): 10	
PMS1002	1/4
PMS1003	3/8
PMS1004	1/2
External Diameter (mm): 12	
PMS1202	1/4
PMS1203	3/8
PMS1204	1/2

TUBE TO TUBE CONNECTOR



A straight, intermediate tube to tube connector; connection and disconnection can be performed with one hand.

Part Number	External Diameter (mm)
PTC4	4
PTC6	6
PTC8	8
PTC10	10
PTC12	12

EQUAL TUBE ELBOW



An intermediate elbow connector, available in a range of external diameters.

Part Number	External Diameter (mm)
PEE4	4
PEE6	6
PEE8	8
PEE10	10
PEE12	12

SWIVEL ELBOW



A connector for push-in fittings, available in a range of external diameters.

Part Number	Connection (in)
External Diameter (mm): 4	
PSE401	1/8
PSE402	1/4
External Diameter (mm): 6	
PSE601	1/8
PSE602	1/4
External Diameter (mm): 8	
PSE801	1/8
PSE802	1/4
PSE803	3/8
External Diameter (mm): 10	
PSE1002	1/4
PSE1003	3/8
PSE1004	1/2
External Diameter (mm): 12	
PSE1202	1/4
PSE1203	3/8
PSE1204	1/2

EQUAL TUBE TEE



Constructed from nickel-plated brass 58 to protect against corrosion

An intermediate 'T' connector, available in a range of external diameters.

Part Number	External Diameter (mm)
PET4	4
PET6	6
PET8	8
PET10	10
PET12	12

TUBE STEM REDUCER



An intermediate tube to stem reducer, available in a variety of diameters.

Part Number	Connection (in)
External Diameter (mm): 4	
PSR46	6
PSR48	8
External Diameter (mm): 6	
PSR68	8
PSR610	10
PSR612	12
External Diameter (mm): 8	
PSR810	10
PSR812	12
External Diameter (mm): 10	
PSR1012	12

ALSO AVAILABLE NYLON TUBING



See page 24

TYRE INFLATION EQUIPMENT



PCL offers the highest quality, most reliable and cost-effective equipment for fast and accurate tyre inflation. From handheld analogue units, to the high-tech ACCURA electronic range – PCL's innovative, market-leading inflators provide the best and most select range of functionality for all types of tyre inflation applications throughout the world.

TYRE INFLATION EQUIPMENT

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WHY IS TYRE INFLATION IMPORTANT?

- First and foremost, air carries the majority of the load
- The 'contact patch' of an inflated tyre is critical to maximise vehicle stability & ultimately road safety
- It is well documented by vehicle and tyre manufacturers that tyre inflation affects braking performance, tyre wear and fuel efficiencies
- Yet a shocking 35% of tyres are being driven at least 8psi/0.5bar below the vehicle manufacturer's recommendation

How does using high quality tyre inflation equipment affect safety and performance?

Equipment User	Vehicle Operator
Operational Safety	Increased Safety
Error risks minimised	Improved Fuel consumption
Cost effective and trouble-free life	Decreased tyre wear
Minimised operating costs	Improved waiting/service times
High levels of flexibility	Reduce tyre related incidents and delays

SHOULD I CHOOSE AN AUTOMATIC OR MANUAL INFLATOR?

Automatic Inflators

Allows the operator to pre-set pressure, stopping automatically when reached. Electronic design ensures accuracy, reduces user error, and can be used with cages. Pre-set function improves efficiency, safety, and reduces fatigue when inflating large, high-pressure tyres. Available wall-mounted or pedestal. A compact 12V inflator is also available, ideal for keeping in the boot of your vehicle.

Manual Inflators

The operator controls both the target pressure and timing. Units are available wall-mounted, pedestal or handheld, in linear, dial, or digital formats. Handheld inflators are cost-effective and versatile, ideal for use in different workshop areas or outside without mains power.

A combination of automatic and manual inflators can provide a practical and cost-efficient solution for workshops with varying requirements.

WHAT TYPE OF AUTOMATIC INFLATOR DO I NEED?

Compare the standard automatic ranges

Each model serves a unique purpose, see how they compare.



ACCURA D10
A petrol station favourite



ACCURA QUBE
Compact & cost-effective



ACCURA D12
Tyre Shop pro

	ACCURA D10	ACCURA QUBE	ACCURA D12
Automatic inflation	✓	✓	✓
Multi-unit pressure options (psi, bar, kpa, kgf)	✓	✓	✓
Pressure check mode	✓	✓	✓
Error code reporting	✓	✓	✓
Exceeds BS EN 12645	✓	✓	✓
Calibration certificate supplied	✓	✓	✓
Customisable settings	✓	✓	✓
Standard inflation mode	✓	✓	✓
Tyreshop mode (OPS)	✗	✓	✓
Nitrogen mode (N2P)	✗	✓	✓
Outdoor use	✓	✗	✓
High pressure option	✓	✗	✓
Pedestal option	✓	✗	✓
Compact design	✗	✓	✗







ACCURA D10 TYRE INFLATOR

This is the premium pre-set tyre inflator for forecourts, workshops and garages where fast, safe, secure and time-saving inflation is key. Combining the latest electronic inflation technology with user-friendly controls, the D10 allows the operator to pre-set the required pressure and get on with other tasks whilst the inflator does the rest, thereby increasing workshop efficiency. The D10 also reduces operational expenses and long-term equipment costs, whilst actively boosting safety - which is of vital importance to modern regulations.



FEATURES

- Auto-start inflation
- Audible and visual end of cycle signal
- Default to safe setting
- Bespoke variants available inc. dual screen
- Aluminium die-cast housing and strong quality image and branding
- Complies with BS EN12645:2014

DESIGNED IN SHEFFIELD

ALSO AVAILABLE

Aircraft high pressure version

Part Number	Description
D10	Wall Mounted
D20	Pedestal Mounted
D25	Pedestal Mounted air & water

- Accuracy: +/- 0.5% FS (Complies to BS EN12645:2014)
- Maximum inflation pressure: 10 bar / 145 psi / 999 kPa / 10 kgf/cm²
- Resolution: 0.1 bar / 1 psi/ 5 kPa / 0.1 kgf/cm²

ACCURA D12 & D13 TYRE SHOP INFLATOR

PCL's premium ACCURA range includes the D12 and D13 tyre inflators. Featuring advanced, user-friendly design, touch screen and leading sensor technology, they incorporate tyre shop specific software with a default to last setting, over pressure mode and N2 purging.

The D12 provides increased cost savings for professional tyre applications - including commercial and retail tyre shops, mobile tyre fleets, automotive OEMs, garages, car dealers and transport depots - and enhanced safety, which is of vital importance in light of today's strict regulations. The D13 builds on the standard D12, with multi-tyre capabilities further reducing tyre inflation times by allowing the user to inflate up to 4 tyres at once.



FEATURES

- Bead seat over pressure facility (OPS)
- Fast inflation times
- Nitrogen (N2) purge
- Auto-start inflation
- Bespoke capabilities to tailor to specialist requirements
- Complies with BS EN 12645:2014
- LNE, CEM and IPQ approved versions available

SCAN FOR MORE VARIANTS

DESIGNED IN SHEFFIELD

Part Number	Description
D12	Wall Mounted
D13	Wall Mounted multi-hose variant

- Accuracy: +/- 0.5% FS (Complies to BS EN12645:2014)
- Maximum inflation pressure: 10 bar / 145 psi / 999 kPa / 10 kgf/cm²
- Resolution: 0.1 bar / 1 psi/ 5 kPa / 0.1 kgf/cm²

BEST SELLER

ACCURA QUBE SERIES II TYRE INFLATOR

PCL's plug and play ACCURA QUBE Series II is built for simplicity and versatility to save time and money. Combining the latest electronics and touch button technology in a user-friendly, space-saving design, it provides fast, safe and accurate Air and N2 inflation.

The latest QUBE is even more robust and offers higher levels of speed and accuracy, with new "human-touch" recognition software added to the buttons. An additional 4 preset button module allows common pressures to be set quickly, speeding up straight-forward processes in workshops, garages and factories. All the customer needs to do is pre-set the required pressure, place the connector on the tyre, and let the inbuilt auto-start function do the rest.



DESIGNED IN SHEFFIELD

FEATURES

- Simple and easy to use with touch screen technology
- Plug and Play; Saves time and money in workshop operations
- New 4 button option increases savings in operations even further
- OPS and Nitrogen (N2) purge modes
- Individually tested and certificated to meet BS EN12645:2014
- Approved for use in Germany and Portugal, with Spain pending.

Part Number	Description	Hose Length	Tyre Valve Connection
QUBE1	230v (UK style plug)	5 m / 16 ft	Euro clip-on
QUBE1/4P	230v (UK style plug) with 4 preset buttons	5 m / 16 ft	Euro clip-on
QUBE1B	230v (UK style plug). Bluetooth Enabled	5 m / 16 ft	Euro clip-on
QUBE3	230v (Australian style plug)	5 m / 16 ft	Euro clip-on
QUBE4	120v (US style plug)	5 m / 16 ft	Euro clip-on
QUBE6	12v (No plug)	N/A	N/A
QUBE9	230v (EU style plug)	5 m / 16 ft	Euro clip-on
QUBE9/4P	230v (EU style plug) with 4 preset buttons	5 m / 16 ft	Euro clip-on

- Accuracy:+/- 0.5% FS (Complies to BS EN12645:2014)
- Maximum inflation pressure: 174 psi / 12 bar
- Resolution: 0.1 bar / 1 psi / 5 kPa / 0.1 kgf/cm²

READ OUR **QUBE** ULTIMATE GUIDE

ALSO AVAILABLE

Bluetooth® enabled

ACCURA QUBE TYRE INFLATOR

Connect via the free PCL WORKSHOP CONNECT app to allow remote inflation and data reporting.

- Operators can distance themselves from the tyre during standard inflation with 100% control via free Workshop Connect App
- Data reports - robust technician audit trail and logging of vital data to provide safety and peace of mind for operators and consumers alike
- Ideal for garages, tyre shops, dealerships, car hire, roadside assistance vehicles, MOT centres and automotive production lines

COMPATIBLE WITH PCL WORKSHOP CONNECT APP

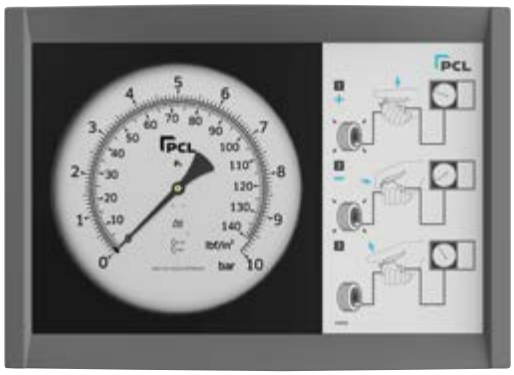
GET IT ON Google Play

Download on the App Store



MECHANICAL UNITS

An innovative range of mechanical tyre inflators reflects PCL's on going design excellence and the enduring popularity of the mechanical unit. The WM/PM premium dial product, with its large, clear and robust dial for speed, safety and ease of use, makes it the product of choice for long life in tough environments.



FEATURES

- Clear impact-resistant toughened glass dial cover
- Long trouble-free life and performance
- Complies with BS EN12645:2014

MADE IN SHEFFIELD

Part Number	Description	Hose Type
WM1	Wall Mounted	7.6 m Co-axial
WM2	Wall Mounted	7.6 m Twin Twisted
WM3	Wall Mounted	7.6 m Air Hose
PM1	Pedestal Mounted	7.6 m Co-axial

- Accuracy:+/- 0.5% FS (Complies to BS EN12645:2014)
- Maximum inflation pressure: 10 bar / 145 psi / 999 kPa / 10 kgf/cm²
- Resolution: 0.1 bar / 1 psi/ 5 kPa / 0.1 kgf/cm²

12 V TYRE INFLATOR

A convenient 12V inflator neatly packed in a storage bag–perfect for keeping in the boot and ready whenever your tyres need a top-up. Comes with a screw-on tyre connector plus three adaptors for inflatables and sports equipment. Suitable for all car tyres and ideal for SUVs and 4x4s, the powerful ATT750 handles quick top-ups and can even inflate a tyre from flat.

FEATURES

- 12V In-car power connector - no batteries required
- Integrated LED light for use in the dark
- 3M Power cord reaches all tyres without complication
- Digital display with pre-set functions for ease of use
- Storage bag - perfect for tucking into a corner of a car boot
- Screw-on tyre connector + 3 Additional Adaptors for use with sports equipment, air beds and other inflatables



Part Number	Inflates up to	Pressure Measurement	Wattage
ATT750	80 psi	psi, bar, kPa, kg/cm²	120W

HOW TO CHOOSE THE RIGHT HANDHELD INFLATOR

Choosing the right style of handheld for your needs comes down to personal preference and PCL offers a range of performance options within each of the linear, dial and digital types.

Linear gauges

Highly robust, offering a good range of indoor and outdoor capabilities, linear gauges display a pressure reading on a horizontal scale, with the indicator position determined by the contraction of a carefully calibrated and sensitive spring delivered by the pressure in a tyre or other vessel. The life and accuracy of the gauge is dependent upon the spring's accuracy, as well as the valve mechanism, with PCL's market-leading AIRFORCE® MK4 being the number one in the world. The range now includes the economy Airlite eco Tyre Inflator.

Dial gauges

Dial gauges provide a calibrated face with a needle which moves to point to the pressure level within the tyre being inflated. The needle movement can be controlled by mechanical methods such as Bourdon tube, bellow or diaphragm. The quality of the dial mechanism controls the quality, accuracy and life. PCL offers three product levels: "premium/best" thoroughly tested for use in all environments, including the most demanding applications where accuracy is key, and supplied with a calibration certificate; "better" for mid-range workshops; and "good" for where intensity is low and tight accuracy less important.

Digital gauges

Electronic inflators display a digital readout with pressure measured by an electronic pressure sensor which is both accurate and easy to read. PCL provides a solution for all working environments, ranging from the highly accurate ACCURA 1 with ceramic sensor to the flexible and environmentally tolerant ACCURA® MK4.

WATCH OUR HANDHELD INFLATOR DEMONSTRATIONS

BEST SELLER

AIRFORCE® MK4 TYRE INFLATOR

Building on over 80 years of innovation with the MK2 and MK3, the AIRFORCE® MK4 continues to set the standard for linear gauges. Made in Sheffield, it offers a 20% larger screen and a clearer, easier-to-read scale for improved usability. PCL's advanced two-stage valve design delivers superior accuracy and longer life compared to competitors' single-stage mechanisms, which rely on filters that can reduce product lifespan by over 50% and slow inflation, wasting technicians' time. Tests show the MK4 completes more than ten times as many cycles as its main competitor, making it the preferred choice for users who prefer a linear inflator.

FEATURES

- Large window gives 20% greater field of viewing compared to the MK3
- Lightweight - Less work strain and easier for repetitive use
- Biomorphic Shape - Ergonomic, easier to use and less prone to damage when dropped
- Simplified 2 stage mechanism design gives longest life available and reduces fatigue in use
- Improved piston & seal design - No internal corrosion, no sticking and no skewing of accuracy
- Accuracy standards - Tested to over 400,000 cycles at 100% accuracy



Accuracy complies to: EN12645:2014

Part Number	Hose Length	Tyre Valve Connection	Calibration
AFG4H03	0.53 m / 21 in	Twin clip-on	0-138 psi / 0-9.6 bar
AFG4H04	0.53 m / 21 in	Single clip-on	0-138 psi / 0-9.6 bar
AFG4H031	0.36 m / 14 in	Short stem twin hold-on	0-138 psi / 0-9.6 bar
AFG4H05	1.8 m / 6 ft	Twin clip -on	0-138 psi / 0-9.6 bar
AFG4H06	2.7 m / 9 ft	Twin clip-on	0-138 psi / 0-9.6 bar
AFG4H061	2.7 m / 9 ft	Single clip-on	0-138 psi / 0-9.6 bar

2 YEARS EXTENDED WARRANTY

MADE IN SHEFFIELD

SCAN FOR MORE ABOUT AIRFORCE® MK4

AIRFORCE® MK4 TRUCK TYRE INFLATOR

The AFG5 heavy duty AIRFORCE® MK4 Truck Tyre Inflator can inflate up to 174 psi (12 bar) and is robust, reliable and versatile with its aluminium die cast body and linear gauge.

The same key features of the AIRFORCE® MK4 plus:

FEATURES

- Higher inflation pressures up to 174 psi (12 bar) to cope with commercial tyres of all types
- Accuracy Standards - Tested to over 400,000 cycles at 100% accuracy

2 YEARS EXTENDED WARRANTY

MADE IN SHEFFIELD

PRESSURE UP TO » 174 PSI (12 BAR)



Accuracy complies to: EN12645:2014

Part Number	Hose Length	Tyre Valve Connection	Calibration
AFG5H36	3.6 m / 12 ft	Twin clip-on	0-174 psi / 0-12 bar
AFG5H60	6 m	Twin clip-on	0-174 psi / 0-12 bar

AIRFORCE® MK4 HIGH PRESSURE TYRE INFLATOR

PCL's High Pressure AIRFORCE® MK4 is designed for harsh, commercial environments, providing flexibility with pressures up to an impressive 300 psi (21 bar). Capable of withstanding extreme weather, it is ideally suited to transport, mining or industrial applications requiring high tyre inflation pressures.

The same key features of the AIRFORCE® MK4 plus:



FEATURES

- Higher inflation pressures from 45-300 psi (3-21 bar) to cope with commercial tyres, industrial and aviation applications
- Accuracy Standards - Tested to over 400,000 cycles at 100% accuracy

PRESSURE UP TO » 300 PSI (21 BAR)

Part Number	Hose Length	Tyre Valve Connection	Calibration
AFG6H04	1.8 m / 6 ft	8v1 Screw-on	45-300 psi / 3-21 bar
AFG6H041	1.8 m / 6 ft	Twin clip-on	45-300 psi / 3-21 bar

2 YEARS EXTENDED WARRANTY

MADE IN SHEFFIELD

- Resolution: 5 psi
- Maximum inlet pressure: 362 psi

AIRFORCE® MK4 AVIATION TYRE INFLATOR

Capable of inflating up to 300 psi (21 bar) for aviation tyres, this MK4 aviation version features improved visibility, an upgraded valve mechanism, and a more durable, accurate gauge for reliable performance in all environments.

The same key features of the AIRFORCE® MK4 plus:



FEATURES

- Higher inflation pressures up to 300 psi (21 bar) to cope with aviation tyres of all types
- Robust and environmentally strong, designed to cope with high intensity aviation applications

PRESSURE UP TO » 300 PSI (21 BAR)

Part Number	Hose Length	Tyre Valve Connection	Calibration
AFG6A01	x2 2 m 4G1 hydraulic oil resistant armored hose	8v1 Screw-on and 12v1 Screw-on	45-300 psi / 3-21 bar

2 YEARS EXTENDED WARRANTY

MADE IN SHEFFIELD

- Resolution: 5 psi
- Maximum inlet pressure: 362 psi

AIRLITE ECO TYRE INFLATOR

Manufactured from nylon filled polymer, PCL's airlite eco Tyre Inflator handles the pressures without breaking the bank. Its customer-led ergonomic design and the natural insulation of the polymer ensures user comfort. A must-have, cost-effective addition to the general trade or auto enthusiast's tool kit.



DESIGNED IN SHEFFIELD

FEATURES

- Increased window size ensures clearer vision along with accuracy
- Textured thumb lever allows greater control and comfort when inflating or deflating

ALSO AVAILABLE

For a BS EN12645:2014-compliant Linear Inflator with calibration certificate, please specify the premium **AIRFORCE® MK4**

Part Number	Hose Length	Tyre Valve Connection	Calibration
LAG1H03	0.4 m	Twin hold-on	0-140 psi / 0-9.6 bar
LAG1H08	1.8 m / 6 ft	Euro clip-on	0-140 psi / 0-9.6 bar

BEST SELLER

ACCURA® MK4 DIGITAL TYRE INFLATOR

The ACCURA® MK4 takes the concepts of the world-leading MK4 into the digital age with a unique combination of the lightness, accuracy and ease of use of a digital inflator and the robustness of the toughest analogue available. The ACCURA® MK4 offers both leading inflation and deflation rates and the highest levels of accuracy and flexibility, with high performance for both indoor and outdoor applications.

The large size LCD, backlit screen and selectable units of pressure reading make this the most versatile digital handheld product PCL has ever manufactured. The ACCURA® MK4 Tyre Inflator is available with a wide choice of tyre valve connectors and hose lengths to suit all tyre inflation applications.

FEATURES

- Slimline biomorphic body shape gives increased comfort for the user
- Higher pressure range for multiple applications 4 - 250 psi range (including trucks)
- Permanently backlit in use, auto off after 25 seconds no-use - Easy to read in dark workshops or at night
- Large screen and clear digits - Easy and quick to read
- Individually tested and certified against national approved gauges
- Long battery life - 400 hours of use - Replaceable 2 X AAA batteries power unit (supplied)
- 3 units of calibration toggle as standard - psi, bar & kPa







2 YEARS EXTENDED WARRANTY

DESIGNED IN SHEFFIELD

Part Number	Hose Length	Tyre Valve Connection	Calibration
DAC403	0.53 m / 21 in	Twin hold-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC404	0.53 m / 21 in	Single clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC405	1.8 m / 6 ft	Twin clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC406	2.7 m / 9 ft	Twin clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC4061	2.7 m / 9 ft	Single clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa
DAC436	3.6 m / 12 ft	Twin clip-on	4-250 psi / 0.3-17.2 bar / 30-1723 kPa

ACCURA 1 TYRE INFLATOR

Widely accepted as the best product available for measuring and checking Tyre Pressure Monitoring Systems (TMPS), PCL's ACCURA 1 broke the mould for handheld units, merging ease of use and readability with rapid, safe and cost-effective tyre inflation.

This robust yet sophisticated unit combines leading electronics and sensor technology with patented software algorithms for trouble-free inflation and deflation. Its biomorphic handle and direct valve mechanism enable the operator to deliver excellent rates of inflation in comfort, which in turn provides customers with extended tyre life, increased fuel economy and improved safety for tyre shops, garages, car dealers and transport depots.



FEATURES

- Reduced usage times - driven by the simplicity of use and clear display
- Reduced cost of ownership - long product life
- Guaranteed accuracy - individually tested and certified
- Ceramic sensor - for long life accuracy
- Modern, lightweight and shock resistant construction
- Over-pressure warning if pressure exceeds 12 bar / 174 psi / 1200 kPa
- Long battery life with low battery warning light

Part Number	Hose Length	Tyre Valve Connection	Calibration
DAC1A03	0.53 m / 21 in	Twin hold-on	0-174 psi
DAC1A06	2.7 m / 9 ft	Twin clip-on	0-174 psi
DAC1A08	1.8 m / 6 ft	Euro clip-on	0-174 psi
DAC1C03	0.53 m / 21 in	Twin hold-on	0-12 bar
DAC1C06	2.7 m / 9 ft	Twin clip-on	0-12 bar
DAC1C08	1.8 m / 6 ft	Euro clip-on	0-12 bar
DAC1D03	0.53 m / 21 in	Twin hold-on	0-1200 kPa
DAC1D08	1.8 m / 6 ft	Euro clip-on	0-1200 kPa

German PTB approved version available



ACCURA 5 AVIATION TYRE INFLATOR

The ACCURA 5 is PCL's premium high pressure digital tyre inflator and its latest design for precise measurement in commercial high pressure applications such as aviation. Building on its worldwide reputation for fast, accurate and trouble-free inflation, the market-leading ACCURA 5 features a clear digital readout, brass inlet and outlet valves, metal internal fittings and strong engineering plastics to cope with both high pressure and high usage applications, and can inflate using nitrogen, air or other gases from 3 to 319 psi.



FEATURES

- Built in metal components and engineered plastics to withstand the high pressures
- Brass inlet and outlet valves
- Individually tested and supplied with test certificate
- Low battery warning indicator

PRESSURE UP TO » 319 PSI

Part Number	Hose Length	Tyre Valve Connection	Calibration
DAC5A01	x2 2 m 4G1 Hydraulic Oil Resistant Armoured Hose	8v1 Screw-on and 12v1 Screw-on	3 - 319 psi
DAC5C01	x2 2 m 4G1 Hydraulic Oil Resistant Armoured Hose	8v1 Screw-on and 12v1 Screw-on	0.2 - 22 bar

ACCURA 5 HIGH PRESSURE TYRE INFLATORS

The ACCURA 5 is PCL's premium high pressure digital tyre inflator and its latest design for precise measurement in commercial high pressure applications such as aviation. Building on its worldwide reputation for fast, accurate and trouble-free inflation, the market-leading ACCURA 5 features a clear digital readout, brass inlet and outlet valves, metal internal fittings and strong engineering plastics to cope with both high pressure and high usage applications, and can inflate using nitrogen, air or other gases from 3 to 319 psi.



FEATURES

- Reduced cost of ownership - long product life, high versatility - flexible usage
- Individually tested and supplied with test certificate
- Built in metal components and engineered plastics to withstand high pressure
- Brass inlet and outlet valves
- Long life battery with low battery warning indicator

PRESSURE UP TO » 319 PSI (22BAR)

Part Number	Hose Length	Tyre Valve Connection	Calibration
DAC5C04	1.8 m / 6 ft	Single clip-on	0.2-22 bar
DAC5A04	1.8 m / 6 ft	Single clip-on	3-319 psi

Accuracy complies to: EN12645:2014

DTI TYRE INFLATOR

The DTI Tyre Inflator offers excellent value for money and is suitable for all kinds of tyre applications, with its ability to inflate up to 170 psi making it ideal for professional workshops.

Simple to operate, the hand trigger inflate and thumb-operated deflate button enable the user to inflate tyres quickly and accurately. For low visibility areas, a backlight further illuminates the LCD display, which incorporates a battery level indicator. The gauge itself features an auto power off function to preserve battery life. Each gauge is individually serialised and supplied with a calibration certificate traceable to international standards. The DTI is PCL's "better" mid-range alternative to the premium ACCURA 1 and makes entry level electronic inflation available to all.



FEATURES

- Large, easy to read LCD display with backlight and auto power off
- Reliable accuracy (+/- 1 psi up to 60 psi, then 2 psi up to 150 psi) with individual testing and certification
- psi, bar & kpa units of pressure selectable by button
- Easy and cost effective to use with low and simple maintenance
- Long battery life with battery level indicator

Part Number	Hose Length	Tyre Valve Connection	Calibration
DTI08	1.8 m	Euro clip-on	5-170 psi / 0.34-12 bar / 34-1200 kPa
DTI081	0.5 m	Euro clip-on	5-170 psi / 0.34-12 bar / 34-1200 kPa

AIRFORCE II TYRE INFLATOR

The AirForce II is PCL's premium dial handheld tyre inflator, and the latest in its line of high performance mechanical dial inflators. Meeting all the modern needs of an analogue gauge in a busy tyre shop, the sturdy and lightweight design has been further enhanced with a nylon body and a new metal inlet, making the unit as robust as any high performance dial gauge on the market today. Featuring a user-friendly dial display for fast, trouble-free tyre inflation, the AirForce II, with its high performance mechanical dial, boasts industry-standard BS EN12645:2014 approvals and certifications for accuracy, reliability and robustness. Official tests have shown the AirForce II to be well above accepted requirements, enabling operators to provide safe, cost-effective and accurate inflation.



FEATURES

- Reduced operating costs
  - fast inflation and deflation rates
- Reduced cost of ownership
  - long product life, high versatility - flexible usage
- Guaranteed accuracy
  - Individually tested and supplied with calibration certificate
- Proven Bourdon Tube with beryllium copper construction for robustness and high shock resistance
- Accuracy complies to: BS EN12645:2014

Part Number	Hose Length	Tyre Valve Connection	Calibration
AFG1H03	0.53 m / 21 in	Twin hold-on	0-170 psi / 0-12 bar
AFG1H06	2.7 m / 9 ft	Twin clip-on	0-170 psi / 0-12 bar
AFG1H08	1.8 m / 6 ft	Euro clip-on	0-170 psi / 0-12 bar
AFG1H013	6 m	12v1 clip-on	0-170 psi / 0-12 bar
AFG1C08	1.8 m / 6 ft	Euro clip-on	0-12 bar
AFG1D03	0.53 m / 21 in	Twin hold-on	0-1200 kPa
AFG1D08	1.8 m / 6 ft	Euro clip-on	0-1200 kPa

Spanish CEM approved version available

ATI TYRE INFLATOR

PCL's latest mid-range mechanical tyre inflator, the ATI, is suitable for tyre shops, garages, car dealers and transport depots. Featuring a simple user-friendly dial display, the ATI enables operators to provide fast, safe, cost-effective and accurate tyre inflation which in turn allows tyre users to reap the rewards of extended tyre life, increased fuel economy and improved safety.



FEATURES

- Modern, lighter weight design
- Direct valve design increasing inflation and deflation rates
- Individually tested and calibration certificate supplied

ALSO AVAILABLE

For a BS EN12645:2014-compliant Mechanical Inflator, please specify the premium **AirForce II**

Part Number	Hose Length	Tyre Valve Connection	Calibration
ATIH08	1.8 m	Euro Clip-on	0-170 psi / 0-12 bar
ATIH081	0.5 m	Euro Clip-on	0-170 psi / 0-12 bar

ECONOMY ALLOY TYRE INFLATOR

This general purpose tyre inflator, with its durable, alloy body and rubber protected gauge, is ideal for lower volume and non-commercial applications. The ADTG4 Alloy Tyre Inflator features a Euro style valve connector, and comes complete with operating instructions.



FEATURES

- Simple and easy to use
- Ideal for general low volume tyre inflation

Part Number	Hose Length	Tyre Valve Connection	Calibration
ADTG4	0.85m	Euro clip-on	10-210 psi / 0.7-15 bar

ECONOMY BLOWGUN STYLE TYRE INFLATOR

PCL's Blowgun Style Tyre Inflator is a general purpose tyre inflator with an all alloy body and rubber protected gauge. The LTG01 Blowgun's durable alloy body and Euro style valve connector is most suited to lower volume and non-commercial applications.



FEATURES

- Simple and easy to use
- Ideal for general low volume tyre inflation

Part Number	Hose Length	Tyre Valve Connection	Calibration
LTG01	0.4 m	Euro clip-on	0-174 psi / 0-12 bar

FOOTPUMPS

PCL's Footpumps are gauge-calibrated models with an easy to read dial. The all steel construction provides extra strength, and the barrel is pressure-sealed to prevent leakage. Supplied with adaptors for airbeds, cycle valves and footballs, the footpump has a sturdy, anti-slip pedal.



FEATURES

- Steel construction for added strength
- Barrel pressure sealed to prevent leakage

Part Number	BARREL	Calibration
FP4H02/3	Single	0-100 psi / 0-7 bar
FP7H02/3	Double	0-100 psi / 0-7 bar

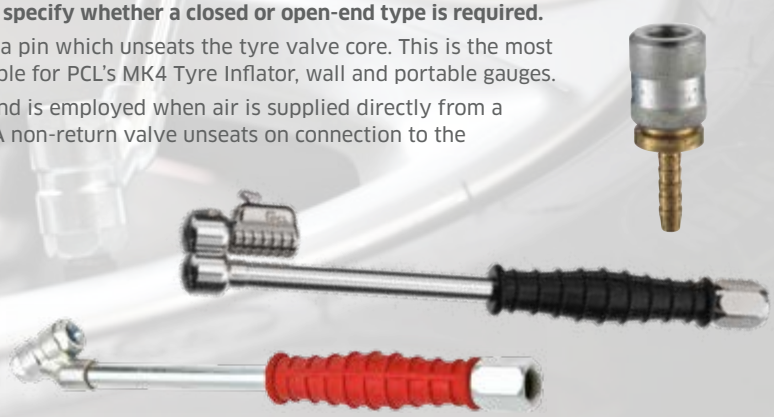
TYPES OF TYRE VALVE CONNECTORS

It is important when purchasing connectors to specify whether a closed or open-end type is required.

An open-end connector has black handles and a pin which unseats the tyre valve core. This is the most commonly used type of connector and is suitable for PCL's MK4 Tyre Inflator, wall and portable gauges.

A closed end connector features red handles and is employed when air is supplied directly from a main air line (i.e. compressor or air receiver). A non-return valve unseats on connection to the tyre's valve, allowing air to flow into the tyre.

WATCH OUR VALVE CONNECTOR DEMONSTRATIONS



TWIN HOLD-ON CONNECTORS

PCL's connectors have an excellent reputation for durability, accuracy and superb sealing qualities, setting the standard for hold-ons. Using only the best components, with appropriate tests in place to evidence high quality and performance, PCL offers the full range to meet the needs of the modern tyre shop and workshop, from the standard twin hold-on to the short stem and angled stem.

FEATURES

- Suitable for inflation of twin tyres
- Choice of stem length
- Colour coded handles – black for open end and red for closed end

Part Number	Description	Valve Style	Inlet Size
CO1A03	Long stem	Open end	Rp 1/4
CO1B03	Long stem	Closed end	Rp 1/4
CO5A03	Short stem	Open end	Rp 1/4
CO5B03	Short stem	Closed end	Rp 1/4
CO15A01	Angled stem	Open end	6.35 mm (1/4 in)



BEST SELLER

TWIN CLIP-ON CONNECTORS

PCL's Twin Clip-on Connector is suitable for the inflation of twin tyres, and allows the tyre operator flexibility of use for workshop applications. Clipping itself to the tyre valve for additional safety, this connector is designed for performance in intensive environments, and is available in both open and closed valve styles.

FEATURES

- Clips onto tyre valve to allow operator to work away from tyre
- Colour coded handles – black for open end and red for closed end
- Suitable for inflation of twin tyres
- Suitable for use in tyre shops

Part Number	Valve Style	Inlet Size
CO3A03	Open end	Rp 1/4
CO3B03	Closed end	Rp 1/4



MADE IN SHEFFIELD

SINGLE CLIP-ON CONNECTORS

NEW

The PCL Single Clip-On Connector combines proven reliability with improved ergonomics for modern workshop use.

Manufactured from zinc alloy, aluminium and brass, it provides a secure, vice-like grip on the tyre valve without air loss once connected.

A simple thumb push-button allows fast release, saving time and effort. The range includes straight and 90-degree connectors, as well as an ergonomic handled swivel connector with a flexible head – ideal for hard-to-reach valves and internal wheels on commercial vehicles such as HGVs.

Available with hose tail fittings or female threaded versions. Suitable for garages, workshops and tyre shops.

Once the PCL Air Connector is on, it stays on!

FEATURES

- Does not bleed air - once the PCL Air Connector is on, it stays on!
- Simple but effective thumb push button - quickly releases the tyre valve, reducing non-value added time
- Simply turn clockwise to achieve even more grip
- Highly reliable - has undergone extensive in house and external testing
- Suitable for use in garages, workshops and tyre shops



Part Number	Tyre Valve Connection	Valve Style	Inlet Size
CH2H01	Straight single clip-on	Open end	For 6.35mm/ 1/4" bore hose
CH2K01	Straight single clip-on	Open end	For 7.9mm / 5/16" bore hose
CH2A01	Straight single clip-on	Open end	Rp 1/4 Inlet
CH4H01	Angled single clip-on	Open end	For 6.35 mm / 1/4" bore hose
CH4K01	Angled single clip-on	Open end	For 7.9 mm / 5/16" bore hose
CH4A01	Angled single clip-on	Open end	Rp 1/4 Inlet
CH5A01	Straight single clip-on	Closed end	Rp 1/4 Inlet
CH5H01	Straight single clip-on	Closed end	For 6.35 mm / 1/4" bore hose
CH5K01	Straight single clip-on	Closed end	For 7.9 mm / 5/16" bore hose
CH6A01	Angled single clip-on	Closed end	Rp 1/4 Inlet
ALSO AVAILABLE WITH ERGONOMIC HANDLE			
CH3A02	Single swivel clip-on	Open end	Rp 1/4 Inlet

★★★★★

"The CH3 Connector is less fiddly and makes access to tyre valves on internal wheels so much easier."

Commercial Vehicle Maintenance Workshop

EURO STYLE CONNECTORS

PCL's Euro style connectors are built to meet the rigours and requirements of the modern tyre shop, providing excellent life and reducing leaks.

FEATURES

- Clips onto tyre valve to allow operator to work away from tyre
- Suitable for use in tyre shops

Part Number	Tyre Valve Connection	Valve Style	Inlet Size
CO8E72	Euro style clip-on	Open end	4.75 mm / 3/16"
CO8H72	Euro style clip-on	Open end	6.35 mm / 1/4"
CO8T73	Euro style clip-on	Open end	Rp 1/4
CO8U73	Euro style clip-on	Closed end	Rp 1/4



CO8T73



CO8H72

LARGE BORE CONNECTORS

PCL's Large Bore Clip-on Connectors, also known as EM connectors, are designed for tyres with large bore valves such as Earthmover tyres, and are available in both closed and open end valve styles.



CO11A03

Part Number	Tyre Valve Connection	Valve Style	Inlet Size
CO7Q02	12v1 clip-on	Closed end	Rc 1/4 female
CO7P02	12v1 clip-on	Open end	Rc 1/4 female
CO10H03	12v1 screw-on	Open end	6.35 mm / 1/4"
CO10P03	12v1 screw-on	Open end	Rp 1/4
CO11A03	12v1 in-line hold-on	Open end	Rp 1/4
CO13A71	Euro style 12v1 clip-on	Open end	6.35 mm / 1/4"



CO10H03 CO7Q02 CO13A71

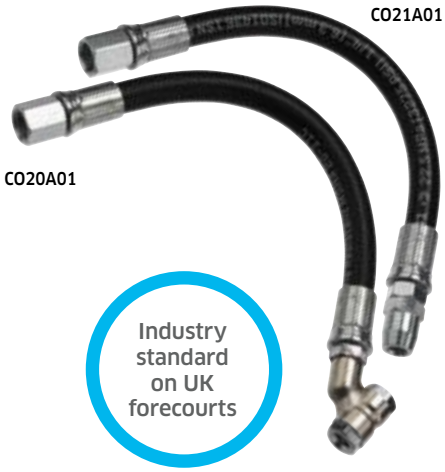
TPMS FRIENDLY FLEXI TYRE VALVE CONNECTOR

PCL's premium TPMS friendly FLEXI Tyre Valve Connector prevents damage and breakages to delicate TPMS valve stems where pressure causes them to snap, for example when using retractable air hose reels at petrol filling stations.

FEATURES

- Prevents connector being used as a lever on direct TPMS valve stems which causes breakages
- Allows easy reach to Motorcycle tyre valves with large brake discs
- Retro-fits to existing petrol filling station air towers and other tyre inflation locations where reels may cause issue
- 8" length allows for greater hose flexibility

Part Number	Tyre Valve Connection	Valve Style	Inlet Size
CO20A01	Twin hold-on	Open end	Rp 1/4
CO21A01	In-line hold-on	Open end	Rp 1/4



OTHER SPECIALIST CONNECTORS

PCL's specialist connectors covering varying applications include screw-on connectors for extra security during inflation, and the ever-popular in-line connector - the CO12.

Part Number	Tyre Valve Connection	Valve Style	Inlet Size
CO9H03	8v1 screw-on	Open end	6.35 mm / 1/4"
CO9P03	8v1 screw-on	Open end	Rp 1/4
CO12A03	8v1 in-line hold-on	Open end	Rp 1/4



THUMB LOCK CONNECTORS

PCL's original Thumb Lock Tyre Valve Connector is a simple and effective way to establish a good sealing grip on a Schrader car or bicycle tyre valve, and has become a blueprint for competitors.

FEATURES

- Ideal for use with PCL footpumps and other thumb lock applications

Part Number	Tyre Valve Connection	Valve Style	Inlet Size
FPA02	Thumb-lock	Open end	4.75 mm / 3/16"



QUICK CHANGE TYRE VALVE CORE RETRACTING TOOL

NEW

Speed up tyre inflation and deflation with the CRT502. Its quick-change design lets you attach your inflator's valve connector to the inlet for fast, on-demand use.

The built-in magnet securely holds the valve core, preventing accidental drops, while the open-end connector and vice-like grip ensure a tight, leak-free seal. Ideal for high-volume tyres, this durable tool makes tyre maintenance quick, safe, and effortless.

FEATURES

- Quick change design - Attaches to your inflator's valve connector for fast, on-demand use.
- Ideal for high-volume, high-pressure tyres.
- Speeds up tyre inflation/deflation by safely removing the valve core.
- The vice-like grip provides an improved, more secure seal.
- Built-in magnet prevents the core from being lost.
- Made from premium zinc alloy, aluminium, and brass with a non-scratch surface.





NEW Quick Change Design

WATCH OUR QUICK CHANGE DEMONSTRATION

Part Number	Inlet Size	Tyre Valve Connection
CRT502	Tyre valve inlet	Clip-on

★★★★★

"We were more than impressed with the core removal tool. It makes a huge difference to inflation speeds."

Commercial Fleet Maintenance Workshop

VALVE CORE RETRACTING TOOL

PCL's 2-in-1 Valve Core Retracting Tool is designed for the safe installation and removal of tyre valve cores during the inflation of commercial vehicle tyres.

This handy clip-on tyre valve connector vastly reduces inflation / deflation time and eliminates the risk of serious injuries from "flying" valve cores.

Part Number	Tyre Valve Connection	Inlet Size
CRT001	Euro style clip-on	6.35 mm / 1/4"
CRT002	Lock-on	6.35 mm / 1/4"



CRT001

FORECOURT & LEISURE SOLUTIONS



Backed by decades of innovation, PCL delivers tailored tyre inflation and self-service solutions for forecourt, leisure and commercial environments. From petrol forecourts and car washes to sports venues, cycle hubs and waterfront locations, our equipment is engineered for accuracy, durability and ease of use.

Our forecourt range provides complete air and vehicle service equipment, including Air, Water, Screenwash, Vacuum, Nitrogen and AdBlue solutions.

Our leisure range includes high-performance ball inflation systems for sports retailers, clubs and organisations, alongside bicycle and SUP inflation stations for public and site use.

Across both ranges, units can be configured with free-vend access to build customer loyalty or employee benefits, or integrated payment systems to create additional revenue opportunities - maximising site potential while enhancing the user experience.





TYRE CARE



Carrying out regular tyre checks is an essential part of taking care of your car. Not only is it vital for increasing safety but it can also save you money through reduced fuel consumption and lower emissions. That's why PCL offers a comprehensive range of high-quality tyre care tools which allow you to check your tyres anytime and anywhere. This handy selection covers all glove box essentials, including traditional pencil style tyre pressure gauges, DVSA-approved tyre tread depth gauges, and digital tyre pressure and tread depth gauges.

TYRE CARE
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Tyre Valve Removal Tool 64

BEST SELLER

PENCIL STYLE TYRE PRESSURE GAUGES

This pocket-sized pencil-style tyre pressure gauge provides the convenience and confidence that it won't let you down. Unlike digital gauges, the traditional analogue gauge doesn't require batteries, so can be used at any time, in any conditions. It also incorporates a self-adjusting friction device which enables the pressure to be accurately read when the tyre pressure gauge is removed from the tyre valve, and a positive sealing washer to ensure reliability.

For additional convenience, the gauge is available with either an angled head, designed to fit on to the valve at 90°, or an in-line head for when direct access to the tyre valve is required.

FEATURES

- Includes integral pocket clip and removable protective cap
- Calibration: 6-50 psi / 0.5-3.4 bar
- Resolution: 1 psi / 0.1 bar
- Accuracy: +/- 2 psi





Part Number	Head Type	Packaging
TPG1H07	Angled	Blister Pack
TPG1H17	Angled	Storage Tin
TPG20H07	Inline	Blister Pack
TPG20H17	Inline	Storage Tin



CHECKING TYRE PRESSURE - WHY IT MATTERS AND HOW TO DO IT

Keeping your tyres correctly inflated is vital for safety and can also help ensure an even wear rate, leading to longer tyre life and reduced fuel consumption. Checking tyre pressure doesn't take long, all you need is an accurate gauge and a few minutes each month and before long journeys.

1. Tyres must be cool to take accurate readings, so allow around three hours to cool.
2. Check the manufacturer's recommended tyre inflation levels.
   You will find this information in the form of a chart in the owner's manual or on the driver side door frame. This will show the correct tyre pressure, marked in PSI and BAR.
3. Unscrew the dust caps on your tyres. Make sure to keep them somewhere safe!
4. Press the gauge on to one of the valves. You'll hear a little hiss of air.
5. Check the measurement on the scale and compare to the recommended levels on the chart. If the air pressure reading is below the recommended setting for your vehicle, add more air until you have reached the correct pressure. If your tyres are overinflated, simply remove the amount of air needed for your tyres to reach the recommended pressure.
6. Remove the gauge from the valve quickly to stop air escaping and screw the dust cap back on.
7. Repeat this process for every tyre (including your spare, if you have one!).



WATCH OUR PRESSURE CHECK DEMONSTRATIONS

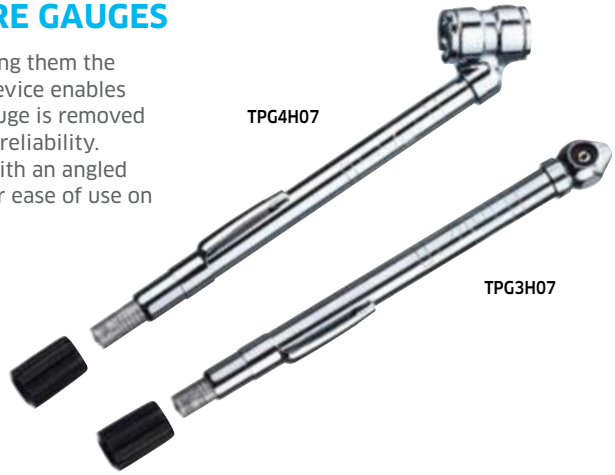
PENCIL STYLE SERVICE TYRE PRESSURE GAUGES

PCL's service gauges feature a greater calibration range, making them the perfect fit for commercial vehicles. A self-adjusting friction device enables the pressure to be accurately read when the tyre pressure gauge is removed from the tyre valve, whilst a positive sealing washer ensures reliability. Gauges come with an integral pocket clip, and are available with an angled head designed to attach to the valve at 90°, or a twin head for ease of use on vehicles with twin wheels.

FEATURES

- Includes integral pocket clip and removable protective cap
- Calibration: 10-120 psi / 0.8-8.2 bar
- Resolution: 2 psi / 0.2 bar
- Accuracy: +/- 2 psi

Part Number	Head Type	Packaging
TPG3H07	Angled	Blister Pack
TPG4H07	Twin	Blister Pack
TPG4H17	Twin	Storage Tin



PRESSURE UP TO » 120PSI (8.2 BAR)

UNIVERSAL SERVICE GAUGES

PCL's high quality "Made in Sheffield" gauge is suitable for cars and commercial vehicles and is favoured by professional mechanics. Engineered for hard usage over a long period, its high quality mechanism is protected by an extra-large filter. Available with a hard-wearing black vulcanite handle to withstand prolonged use, this durable tool provides accuracy of +/-2 psi.

FEATURES

- Engineered for hard usage over a long period
- Extra large filter to protect the quality mechanism
- Also available with a black vulcanite handle to withstand continual hard usage
- Calibration: 10-160 psi / 0.8-11 bar
- Resolution: 2 psi / 0.2 bar
- Accuracy: +/- 2 psi



Part Number	Description	Head Type
TPG57H03	Chrome plated tubing with lanyard ring	Twin
TPG60H03	Heavy duty black vulcanite handle	Twin

TWIN HEAD TYRE GAUGE

This high quality "Made in Sheffield" twin-head tyre gauge is 100% individually tested and supplied with a calibration certificate. Suitable for use with standard (8v1) and large bore (12v1) tyre inflators within the aviation industry, this sturdy gauge is designed for continual heavy use and is available with a hard-wearing black vulcanite handle

FEATURES

- Black vulcanite handle to withstand continual hard usage
- Suitable for use on standard (8v1) and large bore (12v1) tyre valves
- Supplied with calibration certificate
- Calibration: 50-300 psi / 4-20 bar
- Resolution: 5 psi / 0.2 bar
- Accuracy: +/- 5 psi

PRESSURE UP TO » 300PSI (20 BAR)



Part Number	Head Type
TPG54H03	Twin

ALSO AVAILABLE

RPR1H02 - Reconditioning and recalibration service (including a certificate of conformity

MADE IN SHEFFIELD

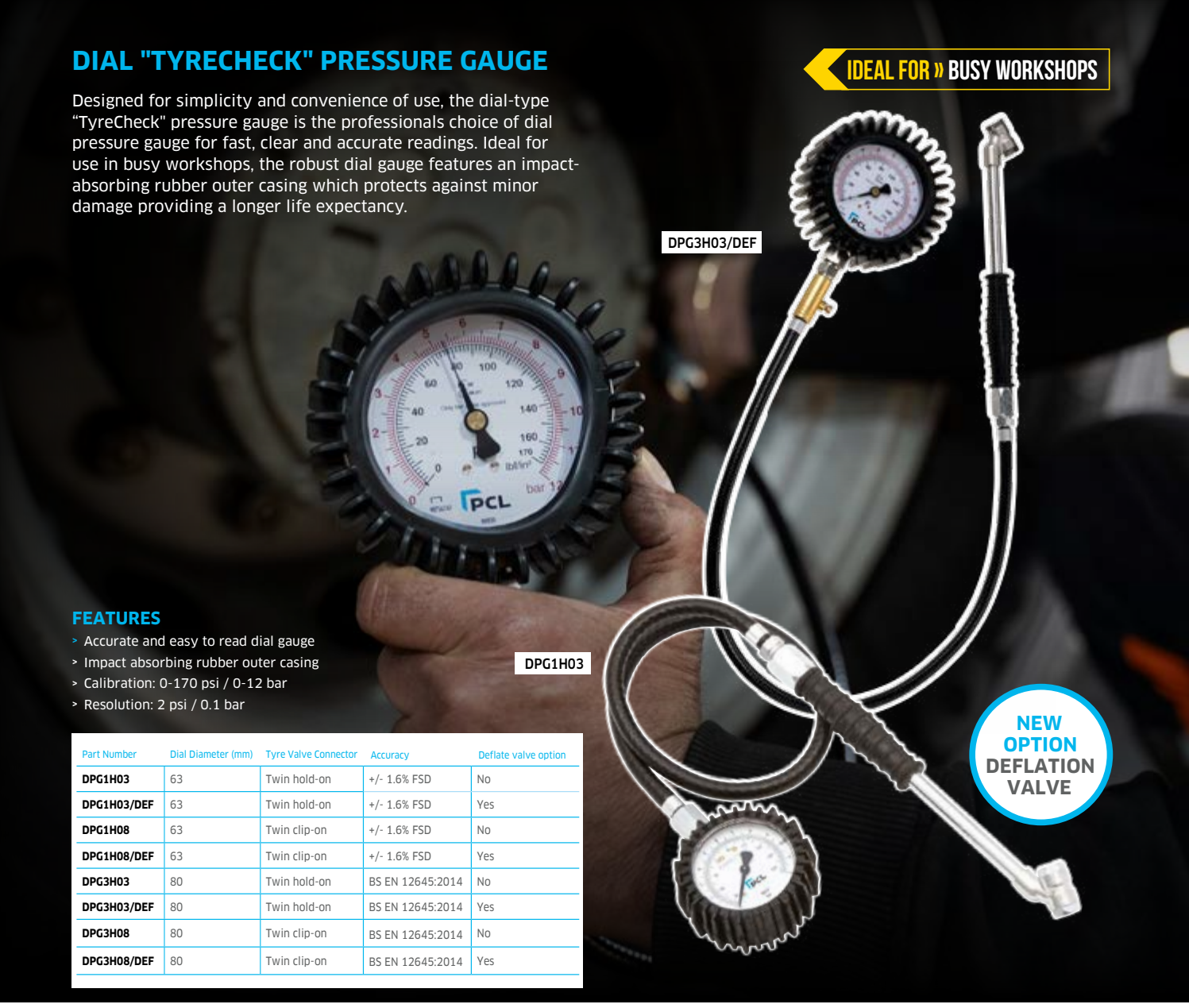
PCL HAS BEEN MANUFACTURING TYRE PRESSURE AND TREAD DEPTH GAUGES SINCE 1938, WITH MANY STILL MADE PROUDLY IN SHEFFIELD TODAY.

SCAN FOR AN INSIDE LOOK AT OUR PRODUCTION

DIAL "TYRECHECK" PRESSURE GAUGE

IDEAL FOR » BUSY WORKSHOPS

Designed for simplicity and convenience of use, the dial-type "TyreCheck" pressure gauge is the professionals choice of dial pressure gauge for fast, clear and accurate readings. Ideal for use in busy workshops, the robust dial gauge features an impact-absorbing rubber outer casing which protects against minor damage providing a longer life expectancy.



FEATURES

- Accurate and easy to read dial gauge
- Impact absorbing rubber outer casing
- Calibration: 0-170 psi / 0-12 bar
- Resolution: 2 psi / 0.1 bar

Part Number	Dial Diameter (mm)	Tyre Valve Connector	Accuracy	Deflate valve option
DPG1H03	63	Twin hold-on	+/- 1.6% FSD	No
DPG1H03/DEF	63	Twin hold-on	+/- 1.6% FSD	Yes
DPG1H08	63	Twin clip-on	+/- 1.6% FSD	No
DPG1H08/DEF	63	Twin clip-on	+/- 1.6% FSD	Yes
DPG3H03	80	Twin hold-on	BS EN 12645:2014	No
DPG3H03/DEF	80	Twin hold-on	BS EN 12645:2014	Yes
DPG3H08	80	Twin clip-on	BS EN 12645:2014	No
DPG3H08/DEF	80	Twin clip-on	BS EN 12645:2014	Yes

DIGITAL TYRE PRESSURE GAUGE

The DTPG8 Digital Tyre Pressure Gauge, provides flexibility along with time and cost-savings. With a 30 second auto power off and large backlit screen for easy reading in dark or low light areas, its swivel head allows easy access to the tyre valve. Designed for simplicity of use, simply press the 'ON' button and the gauge is ready to use, with tyre pressures displayed in a choice of four pressure measurements.



FEATURES

- 4 measurement options – psi, bar, kPa, kg/cm^2
- Clear large backlit display with auto power off
- x2 AAA / LR03 batteries supplied
- Supplied with calibration certificate

Part Number	Tyre Value Connector	Calibration	Resolution	Accuracy
DTPG8	Twin hold-on	5-174 psi / 0.34-12 bar / 34-1200 kPa / 0-12 kg/cm^2	0.2 psi / 0.01 bar / 1 kPa / 0.01 kg/cm^2	+/- 1 %

DIGITAL TYRE PRESSURE GAUGE KIT

PRESSURE UP TO » 300 PSI (20 BAR)

This high pressure digital kit takes PCL's market-leading digital tyre inflation to the next level, building on its worldwide reputation for fast, accurate and trouble-free inflation. Ideal for high pressure applications such as aviation, the gauge features metal inlet and outlet valves, metal internal fittings and strong engineering plastics to cope with both the high pressure and the high usage environments seen in line and base maintenance activities.



FEATURES

- Allows pressure to be measured and stored for easy reading
- Includes 2 connector types; 8v1 hold on and 12v1 single in-line hold, interchangeable
- DAC54 is suitable for high pressure environments such as Aviation
- Brass outlet valve with safety blow off valve
- Proprietary software increasing accuracy, fine metering and eliminating the chance of false readings
- Calibration certificate included

Part Number	Description	Hose	Tyre Valve Connector	Calibration	Calibration
DAC54A	Full kit includes spare battery	0.5m 4G1 hydraulic oil resistant armored hose	8v1 twin hold-on and 12v1 in-line	3-319 psi	1 psi
DAC54C	Full kit includes spare battery	0.5m 4G1 hydraulic oil resistant armored hose	8v1 twin hold-on and 12v1 in-line	0.2-22 bar	0.1 bar

Other configurations available



BEST SELLER

TYRE DEPTH GAUGE

PCL's "Made in Sheffield" Tyre Tread Depth Gauge is manufactured to stringent quality standards and is DVSA (previously VOSA) MOT centre approved. Easy to read, it provides accurate measurement of tread 1-26 mm and features a 1.6 mm illegal tyre tread depth mark, allowing the operator to quickly check whether the tyre tread is below legal limits and needs to be replaced.



DVSA MOT centre approved

MADE IN SHEFFIELD

FEATURES

- Accurate measurement of tread 1-26 mm in 1 mm increments
- 1.6mm illegal tyre tread depth mark
- Department of Transport accepted for MOT testing

Part Number	Calibration	Resolution	Accuracy
TDG16C01	0-25 mm	1 mm	0.25 mm

TYRE TREAD DEPTH

Why is measuring tyre tread depth important?

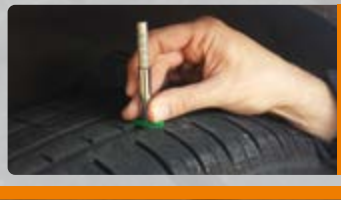
If tyre tread depth wears below 3mm, ability to grip the road is reduced and stopping distances increase dramatically, therefore checking the measurements at least once a month and before long journeys is vital. Driving with worn tyres is a serious safety risk and can be costly too. In the UK if your tyre is below the 1.6 mm legal limit, you could get a £2,500 fine plus three points on your licence, per tyre.

How to measure your tyre tread depth with a gauge

You can carry out a visual check of the tread wear indicators to assess the levels of your tread depth. These indicators are small raised areas at the bottom of the grooves on your tyres. If the surface of the tread rubber is level with these raised areas, the tyre tread depth is approaching the legal limit and you should have your tyres checked and replaced.

However, using a tyre tread depth gauge will provide a more accurate measurement and is simple to do.

1. Extend the measuring probe on the tread depth gauge as far as it will go.
2. Place the probe into the tread groove, making sure not to place it on the tread wear indicators or any raised surfaces of the tread design. Push down on the gauge's base.
3. Check the measurement is above 1.6mm. If you are using an analogue gauge this will be shown on a scale. If it's digital the reading will be displayed on a screen.
4. Measurements must be taken around the whole circumference of the tyre and across the central three-quarters of the width of the tyre.
5. Repeat the process on every tyre.



WATCH OUR TYRE TREAD DEPTH DEMONSTRATIONS

DIGITAL TYRE TREAD DEPTH GAUGE

This Tyre Tread Depth Gauge is designed to be straight-forward and simple to use. The battery-operated measurement device features a large, easy-to-read LCD display with three different read settings, and a Zero setting in any position allowing easy zero reset. Made from lightweight, extra-strong carbon fibre composite, the strong and robust housing material ensures a longer life expectancy.

FEATURES

- Made from extra strong carbon fibre composite
- Metric, decimal inch and fraction inch (1/64 in) toggle
- Large LCD display
- x1 SR44 1.5 v battery supplied
- Zero setting in any position

Part Number	Calibration	Resolution	Accuracy
DTDG1D04	0-25 mm / 0-1 in	0.01 mm / 0.0005 in / 1/64 in	0.2 mm



TYRE SAFETY PACK

PCL's handy Tyre Safety Pack comprises a pencil-style tyre pressure gauge and a tyre tread depth gauge stored in a durable and reusable foam-packed metal case. The traditional but accurate tyre pressure gauge is available with either an angled or in-line head, and the "Made in Sheffield" tyre tread depth gauge is DVSA-approved for MOT testing with a 1.6mm mark

FEATURES

- A positive sealing washer ensures reliability
- Self-adjusting friction device
- DVSA approved for MOT testing
- Accurate measurement of tread 1-26 mm
- 1.6 mm illegal tyre tread depth mark

Part Number	Kit Contents
TSP1T15	TPG1 & TDG16C01
TSP20T15	TPG20 & TDG16C01



TSP20T15



TSP1T15

BEST SELLER

DIGITAL TYRE PRESSURE & TREAD DEPTH GAUGE

PCL's 3-in-1 Digital Tyre Pressure and Tread Depth Gauge features a large backlit screen with stylish blue light and 90 second auto power off - making it ideal for easy reading at night and in dark workshops or low light areas. Designed for ease of use, the display will flash to indicate an illegal tyre tread depth warning below 1.6 mm, allowing the operator to quickly check whether the tyres need to be replaced.





FEATURES

- Illegal tyre tread depth warning - display will flash if the reading is 1.6 mm or less
- Large backlit screen and blue light - ideal for use at night or dark workshops
- Auto power off
- x1 CR2032 3 v battery supplied

Part Number	Calibration	Resolution	Accuracy
DTPG7	2-100 psi / 0.15-7 bar & 15-700 kPa & 0-15 mm	0.1 psi / 0.01 bar / 1 kPa & 0.01 mm / 0.001 in	+/- 1.5% & +/- 0.2 mm

CALIBRATION TEST UNIT

Lightweight and portable, PCL's TE3 Calibration Test Unit is used to check the calibration of all types of tyre inflation equipment, and is supplied with a calibration certificate. The rechargeable TE3 unit is housed in a robust and durable protective case to prevent damage, whilst the 21mm backlit LCD provides clearer and more concise readings than those of an analogue gauge.



FEATURES

- 4 litre receiver manufactured in accordance with 2014/29/EU
- Supplied with calibration certificate
- Resettable zero point
- Battery powered with battery charger included
- Accuracy class: 1⁄4 of EN12645:2014

Part Number	Calibration	Resolution
TE3	0-12.2 bar / 0-1220 kPa / 0-176 psi	0.01 bar / 1 kPa / 0.1 psi

MADE IN SHEFFIELD

MASTER PRESSURE GAUGE

PCL's "Made in Sheffield" Master Pressure Gauge is highly regarded for its reliability and accuracy, and offers such longevity it is often handed down through generations. Designed for checking the accuracy of on-site gauges, the Master comes protected in a solid wooden box and is a firm favourite amongst tyre fitters, commercial fleet operators and the emergency services.



FEATURES

- Designed for checking the accuracy of on-site gauges
- Protected in a solid wooden box with moulded tray
- Supplied complete with calibration certificate
- Complies to: BS EN 12645:2014

Part Number	Calibration	Resolution
TE60H01	10-160 psi / 0.8-11 bar	+/- 0.1 bar / 1 psi

MADE IN SHEFFIELD

TYRE VALVE REMOVAL TOOL

Manufactured for over 50 years in Sheffield, the versatile 4-in-1 Tyre Valve Removal Tool is a hard-wearing and valuable piece of workshop equipment.



WATCH OUR TYRE VALVE REMOVAL TOOL DEMONSTRATION

FEATURES

- Manufactured with case-hardened mild steel and a zinc-plated finish or longevity of life.
- Capable of tackling four different valve-related tasks, including rethreading the external and internal part of the valve stem, removing the valve core, and extracting a damaged valve core.

Part Number	Description
TVT01	4-in-1 Tyre Valve Tool

MADE IN SHEFFIELD

TYRE VALVE CORE REMOVAL TOOL

Make valve core maintenance quick, easy, and hassle-free with the CRT501. Its comfortable, easy-grip handle and built-in magnet securely hold valve cores, preventing them from being dropped or lost during use.



Features a magnetic tip

FEATURES

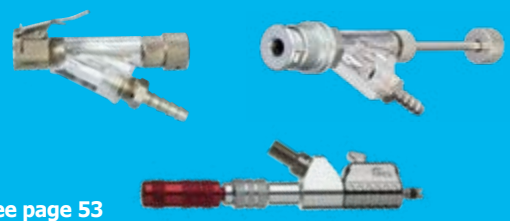
- Quick and easy valve core removal
- Strong magnet to keep core secure
- Ideal for busy workshops and garages

Part Number	Description	Length
CRT501	Tyre Valve Core Removal Tool	98 mm / 3.88 in

Also available: Core Retracting Tools

Ideal for speeding up tyre inflation and deflation





See page 53



Expertise in design and innovation has seen PCL establish itself as the brand to use in the most testing of tyre inflation and pneumatic applications.

As the worldwide market leader in equipment for tyre checking and inflation, PCL is a common sight in workshops and tyre shops, aircraft service centres and forecourts.

PCL offers the highest quality, most reliable and cost-effective equipment for fast and accurate tyre inflation, ranging from handheld analogue units, to the high-tech ACCURA electronic range – meeting user needs whatever the application or personal preference.

Explore our latest range of tyre inflation equipment.

See pages 40-53

NITROGEN EQUIPMENT



PCL continues to set the pace with its nitrogen product range, which combines the latest in high performance digital technology with cost-effective delivery of N2.

Designed to cover all nitrogen inflation applications, from fast-fit tyre centres to off road vehicles and industrial gas requirements in very demanding environments, PCL's advanced equipment is user-friendly and reliable, providing the highest levels of accuracy.

N72 MOBILE NITROGEN GENERATION AND GAS DELIVERY CARTS



Page 67

COMPREHENSIVE RANGE OF FIXED NITROGEN TOWERS



Page 68

NITROGEN BENEFITS

Why Nitrogen?

Using nitrogen as an alternative to air provides enhanced handling, improved fuel efficiency, extended tyre life, and most importantly, increased safety for all car users.

Nitrogen has the ability to:

- **Reduce pressure loss**

  Nitrogen has a larger molecular structure than oxygen, so it migrates through the rubber tyre wall much more slowly, thereby reducing the speed of pressure loss.
- **Prevent unwanted pressure changes**

  Nitrogen is a dry gas which reduces energy build up inside the tyre on long journeys. This prevents unwanted pressure increases and uneven tyre wear.
- **Limit tyre and wheel rim wear**

  Nitrogen is a dry gas which means it doesn't oxidise (causing rust) or react with materials it comes into contact with, such as the inner tyre wall and inner wheel rim.
- **Decrease fire hazard**

  Fire needs oxygen. Removing and replacing it with completely inert nitrogen reduces the potential for tyre fires in hazardous environments

For the road user nitrogen inflation means:

- **Decreased fuel consumption**

  By reducing the migration of gas through a tyre it will stay inflated correctly for longer. This prevents extra rolling resistance on the engine and subsequent increase in fuel use.
- **Reduced tyre wear**

  Tyres that stay inflated to the correct pressure for longer will last for an extended period. If the correct amount of rubber is in contact with the road surface the tyre tread will wear at a much slower rate.

How does nitrogen inflation benefit the tyre service provider?

- **Raises business profile**

  Offering nitrogen as a service provides customers with additional benefits, keeping your business competitive
- **Safety**

  Correct tyre inflation improves grip, maximises vehicle stability and ultimately road safety.
- **Increases customer retention**

  Offer free nitrogen top-ups for life once the customer has paid for a conversion and keep them coming back!



NITROGEN GENERATORS

How do Nitrogen Generators work?

The air we breathe contains 78% nitrogen, 21% oxygen and 1% other gases. Pure nitrogen has a number of properties which are beneficial to commercial applications. For example, its dry properties prevent oxidisation in the manufacturing process, whilst its inert properties remove the potential for fire in dangerous environments. This makes it a very useful gas for industry. Where tyre inflation is concerned, the large molecular structure of nitrogen slows down the rate of pressure loss in inflated rubber tyres.

PCL's nitrogen generators contain advanced filtration to remove oxygen and other unwanted gases from compressed air, delivering a high purity nitrogen mix. Our advanced portfolio of UK-manufactured products covers all requirements and flow rates, from battery-powered mobile systems for tyre inflation in workshops/tyre shops, to fixed systems for industrial and retail applications.

N72 MOBILE NITROGEN GENERATION AND GAS DELIVERY CARTS

The compact, mobile N72 is a new addition to PCL's nitrogen generation offering, superseding the original NEXUS range. The "Made in Sheffield" system combines PCL's world-renowned digital pressure control technology with modern, membrane nitrogen generation technology to deliver high purity nitrogen quickly and quietly.

This innovative nitrogen generation and gas delivery cart includes additional features, offering real end-user benefits. Designed with complete flexibility and mobility in mind, the N72 is just half the size of comparable units, and is suitable for all types of tyre shop and industrial applications. Powered by a rechargeable battery, the unit can be moved easily around the workspace with minimal fuss.







Part Number	Model Type	Tyre Application	Flow rate @ 10 bar	Min feed air required
N72SAIC24	Inflator / Generator	4 x Car	5 m^3/h (83 l/min)	8 cfm (226 l/min)
N72SAIC34	Inflator / Generator	4 x Car, 4 x Van and 1 x Truck	10 m^3/h (167 l/min)	16 cfm (452 l/min)
N72SAGC1	Generator only	1 x Car	3 m^3/h	5 cfm (141 l/min)
N72SAGC2	Generator only	1 x Van	5 m^3/h	8 cfm (226 l/min)
N72SAGC3	Generator only	1 x Truck	10 m^3/h	16 cfm (452 l/min)



MADE IN SHEFFIELD

ALSO AVAILABLE

For EM/Off road tyres contact PCL for individual requirements

ALSO AVAILABLE

ACCURA QUBE TYRE INFLATOR

The ACCURA QUBE provides fast, accurate Air and Nitrogen (N_2) inflation and deflation with overpressure capability in a compact fixed design - a popular choice for mobile tyre fitting vehicles.

Find out more about the range on page 41.



INDUSTRIAL UNITS

PCL's fixed membrane units are the perfect solution for customers looking for a simple, cost-effective source of nitrogen generation. These systems can deliver up to 97% purity in a range of pressures and flow rates up to 40m³/h. Ideal for filling nitrogen storage vessels, creating inert environments in manufacturing processes, or for simply pressurising any vessel with nitrogen, PCL's comprehensive range provides an option for all requirements.

Flow rates up to 40m³/h



MADE IN SHEFFIELD

Part Number	Flow rate @ 10 bar 95%	Min feed air required
N90SSGC1	3 m³/h (50 l/min)	5 cfm (141 l/min)
N90SSGC2	5 m³/h (83 l/min)	8 cfm (226 l/min)
N90SSGC3	10 m³/h (167 l/min)	16 cfm (452 l/min)
N95SSGC4	20 m³/h (333 l/min)	32 cfm (904 l/min)
N95SSGC5	30 m³/h (500 l/min)	48 cfm (1356 l/min)
N95SSGC6	40 m³/h (666 l/min)	64 cfm (1808 l/min)

NITROGEN PURITY ANALYSER

The PCL Nitrogen Analyser is easy and convenient to use, providing the actual nitrogen percentage in vessels or tyres. Most other systems on the market show the oxygen levels and require a manual calculation to work out the percentage of nitrogen purity.

FEATURES

- Compact and ergonomic design
- One button operation for simple use
- Auto power off battery saving system
- Error code and diagnostics



Part Number	Description
N2A001	Nitrogen Analyser
N2AS001	Replacement Sensor

ALSO AVAILABLE

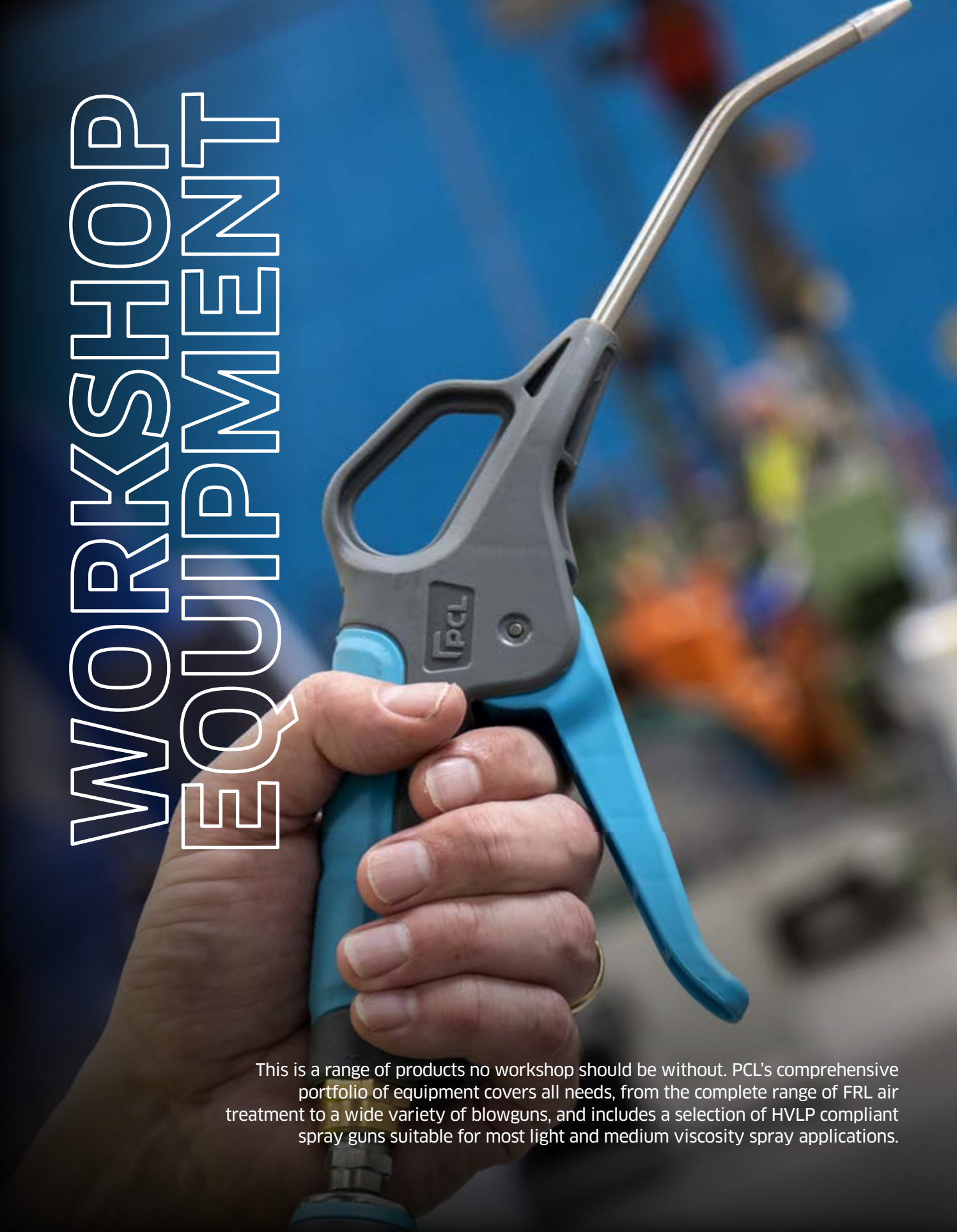


CLOSED END CONNECTORS

Closed end connectors are ideal when using a tyre inflator with multiple hoses to inflate several tyres at once.

Find out more about the range on page 51.

WORKSHOP EQUIPMENT



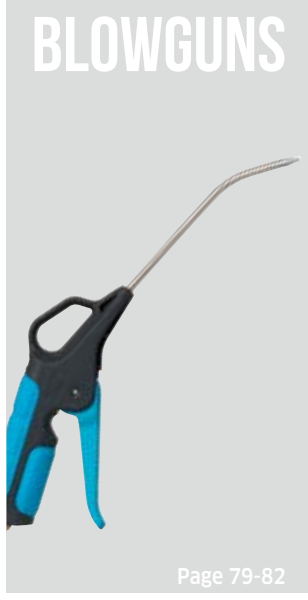
This is a range of products no workshop should be without. PCL's comprehensive portfolio of equipment covers all needs, from the complete range of FRL air treatment to a wide variety of blowguns, and includes a selection of HVLP compliant spray guns suitable for most light and medium viscosity spray applications.

WORKSHOP EQUIPMENT INDEX









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AIR TREATMENT

Why use an air treatment unit?

Compressed air systems must be kept clean and dry to ensure continued reliability. Precise pressure control also keeps pneumatic systems operating efficiently. Unregulated, unfiltered, unlubricated air pressure can increase equipment wear, leading to reduced tool life and increased costs.

Filter, Regulator and Lubricators (FRLs) ensure each tool receives a clean, lubricated supply of compressed air at the ideal pressure for optimum performance. Units should be mounted as close to the tool as possible - preferably right where the tool hose connects to the system - and checked regularly.

HOW TO CHOOSE THE CORRECT AIR TREATMENT UNIT

Airflow and port size

FRL units must be properly sized to match the required air flow. Significant increases in flow rates can be achieved using larger ports, but changing port size within a system can affect the fine tuning to flow rate, which may be more convenient.

Always refer to the equipment manufacturer's recommendations and select an FRL with an air flow capacity greater than the tool's requirements.

Filtration level

When considering the level of filtration required, you must factor in the unit's micron rating. Most industrial equipment and tools like impact wrenches only need 10-micron filtration, whilst more-sensitive components and instruments typically demand 5-micron filtration. Food, beverage and pharmaceutical applications routinely demand even finer filtration. Ask the equipment manufacturer for exact filtration requirements.

Don't opt for a finer filter than necessary. Smaller micron-rated filters have higher pressure drops across the filter, so opting for a 5-micron filter when a 40-micron unit is enough will increase energy consumption and equipment wear, leading to higher operating and maintenance costs.

Environment

The unit must be designed and constructed from appropriate material to withstand temperature and climate.

Lubrication

For frequently used tools like impact wrenches and ratchets, a lubricator is required and must always be fitted at the final stage downstream on the air supply after any filtration. In-line lubricators such as the INL6 can be connected on the tool or hose itself.

A fitted lubricator is not always needed, for example if only one air output is available. Also, some tools, including digital tyre inflators and spray equipment, require little or no lubrication, and mechanical inflators may only need monthly lubrication. Therefore, a frequent lubricator is not necessary and may cause lack of performance. Simply oil the relevant tools manually using general air tool

HELPFUL PRODUCT ADVICE

PCL offers a range of Air Treatment units to suit a wide range of applications



DROPOUT® WATER SEPARATORS



PCL AIR TREATMENT



ECONOMY



IN-LINE

DROPOUT® WATER SEPARATORS

Dropout® offers an extremely high performance all-in-one solution. Its unique patent design allows the unit to efficiently remove liquid water, oil and other contaminants down to 1 micron at a wide range of flow rates without mains power or costly replacement filter elements.

Recommended for use where there is a high concentration of water in the air supply, Dropout® units are frequently used in paint and refinish environments as an alternative to dryers, where moisture-free air is essential.



FEATURES

- Guaranteed 99.9999% liquid (water & oil) and 99% solid particulate removal
- Particulate removal to 1 micron
- Low maintenance and cost of ownership
- No increase in pressure drop caused by blocked filters
- Instantaneous recovery from pulsed flows or stop start

CONFORMS TO » ATEX MARK EX II 2G IIC T6 GB

DROPOUT® WATER SEPARATOR

The unique, patent protected 3/4" Dropout® Water Separator is sealed for life in aluminium housing. The unit comes complete with a wall bracket and drain valve for manual drainage.



Part Number	Port Size (in)	Maximum Inlet Pressure	Maximum Flow Rate
PDO600A	3/4 BSPT	16 bar / 232 psi	1,000 l/min / 35.3 cfm

DROPOUT® WATER SEPARATOR WITH BUILT-IN AUTO-DRAIN

Exceptional compressed air quality is guaranteed with this 1/2" Compact Dropout® unit, which is used as an in-line point of use liquid water separator and contaminant remover. The unique multi-stage compressed air filter features a built-in auto drain, and once fitted is maintenance free.



BEST SELLER

Part Number	Port Size (in)	Maximum Inlet Pressure	Maximum Flow Rate
PDO300PA	1/2 BSPT	16 bar / 232 psi	283 l/min / 11 cfm

DROPOUT® WATER SEPARATOR - STAINLESS STEEL

The sealed for life Stainless Steel Grade 304 Dropout® Water Separator is available in a range of port sizes and flow rates. Comes complete with a wall bracket and drain valve for manual drainage.



Part Number	Port Size (in)	Maximum Inlet Pressure	Maximum Flow Rate
PDO60S	1/4 BSPT	15 bar / 217 psi	90 l/min / 3.2 cfm
PDO300S	1/2 BSPT	15 bar / 217 psi	450 l/min / 15.9 cfm
PDO600S	3/4 BSPT	15 bar / 217 psi	900 l/min / 31.8 cfm
PDO900S	3/4 BSPT	15 bar / 217 psi	1,350 l/min / 47.7 cfm
PDO1500S	1 BSPT	15 bar / 217 psi	2,314 l/min / 81.7 cfm
PDO2000S	1 BSPT	15 bar / 217 psi	3,085 l/min / 108.9 cfm

DROPOUT® AUTO-DRAIN

The Dropout® Auto-drain is designed to remove all contaminants from the Dropout units automatically. Two 1/2" inlet connections enable flexible installation. It comes supplied with a metal blanking plug to block any unused port.



Part Number	Inlet Connection (In)	Outlet Connection (In)	Water Storage
PDOAD128	1/2 BSPT	1/8 BSPT	350 cc

FEATURES

- Drains all contaminants (liquid water & oil and solid particles)
- No mains power
- Automatic and manual drain options
- Easy to install
- Maintenance free

PCL AIR TREATMENT

Our FRL range includes combination units with 1/4" and 1/2" inlet ports. Adding a PCL Air Treatment unit into an air line efficiently filters to 10 microns. Products feature polycarbonate bowls, allowing the user to easily monitor the element's condition and the collected liquid's level. The bowl is surrounded with protective metal as a safety measure to protect the user in case of excessive pressures, temperatures, or aggressive chemicals.

FEATURES

- Selectable manual/semi-automatic drain
- Polycarbonate bowl
- Locking device
- 10 micron filter
- Complete with wall bracket and pressure gauge

FILTER-REGULATOR & LUBRICATOR

PCL's FRL Units are designed to control output air pressure, eliminate moisture and contaminants from the air flow, and to lubricate tools during use.



Part Number	Port Size (in)	Adjustment	Maximum Inlet Pressure	Flow @ 6 bar
ATCFRL6	1/4	0-10 bar / 145 psi	12 bar	1,800 l/min
ATCFRL12	1/2	0-12 bar / 170 psi	16 bar	5,000 l/min

FILTER-REGULATOR

PCL's Filter-Regulator units combine air filtration and pressure regulation in a single compact unit.

It removes dirt and moisture while maintaining a consistent, set air pressure to downstream equipment.

Ideal for pneumatic systems, it improves performance, protects components, and saves installation space.



Part Number	Port Size (in)	Adjustment	Maximum Inlet Pressure	Flow @ 6 bar
ATC6	1/4	0-10 bar / 145 psi	12 bar	1,800 l/min
ATC12	1/2	0-12 bar / 170 psi	16 bar	5,000 l/min

FILTER

PCL Filters remove dirt, moisture, and contaminants from compressed air before it reaches equipment.

It protects pneumatic components from damage and helps ensure reliable, efficient operation.

Essential in FRL systems, it improves air quality and reduces maintenance downtime.



ALSO AVAILABLE

ATF6AD - 1/4" filter with auto drain

Part Number	Port Size (in)	Capacity of drain bowl	Maximum Inlet Pressure	Flow @ 6 bar
ATF6	1/4	30 ml	12 bar	2,100 l/min
ATF12	1/2	50 ml	16 bar	6,000 l/min

LUBRICATOR

PCL's Lubricator delivers an adjustable and controlled mist of oil into compressed air to lubricate downstream pneumatic tools and components.

It reduces friction and wear, helping extend equipment life and maintain smooth operation.

Ideal for use in FRL systems, it ensures consistent performance and reduced maintenance.



Part Number	Port Size (in)	Cup Size	Maximum Inlet Pressure	Flow @ 6 bar
ATL6	1/4	40 ml	12 bar	2,200 l/min
ATL12	1/2	70 ml	16 bar	6,000 l/min

REGULATOR

PCL regulators control and maintain a consistent outlet pressure from a compressed air supply.

It ensures pneumatic tools and equipment receive the correct pressure for safe, efficient operation.

By preventing pressure fluctuations, it helps protect components and improve system reliability.



Part Number	Port Size (in)	Adjustment	Maximum Inlet Pressure	Flow @ 6 bar
ATR6	1/4	0-10 bar / 145 psi	12 bar	1,700 l/min
ATR12	1/2	0-12 bar / 170 psi	16 bar	6,000 l/min

PRESSURE GAUGES

These rear entry pressure gauges are calibrated in psi and bar for use with 1/4" and 1/2" Regulator units.



Part Number	Port Size (in)	Calibration
ATG4	R 1/8	0-11 bar / 160 psi
ATG8	R 1/4	0-11 bar / 160 psi

ECONOMY AIR TREATMENT

For budget applications, PCL's Economy Air Treatment range of FRLs provides a ready constructed "connect and go" air treatment system which filters to 40 microns and has 1/2" port inlets.



FEATURES

- Semi-automatic drain valve
- Polycarbonate bowls
- 40 micron filter

Part Number	Description	Port Size (in)	Adjustment	Maximum Inlet Pressure
AFR1	Filter-Regulator	1/2	0-10 bar / 150 psi	10 bar
AFRLC1	Filter-Regulator & Lubricator	1/2	0-10 bar / 150 psi	10 bar

IN-LINE FILTER

The point of use In-Line Filter is used in addition to existing air treatment in your system and provides any extra filtration for specific applications or tools.



FEATURES

- Temperature range: -10°C to 50°C
- Transparent polycarbonate housing
- 10 micron filter

Part Number	Port Size (in)	Maximum Inlet Pressure	Flow @ 6 bar
INF6	1/4	12 bar	2,100 l/min

IN-LINE LUBRICATOR

The point of use In-Line Lubricator is used in addition to existing air treatment in your system and provides any extra filtration required for specific applications or tools.



FEATURES

- Temperature range: -10°C to 50°C
- Transparent polycarbonate housing
- 10ml cup capacity

Part Number	Port Size (in)	Maximum Inlet Pressure	Flow @ 6 bar
INL6	1/4	12 bar	2,700 l/min

COMPRESSOR TIPS

Avoid using extension leads with an air compressor, the voltage drop can cause the motor to overheat which will eventually lead to the compressor motor burning out. We recommend using a longer air hose instead.

If you do plan to run your air tool some distance away from the actual compressor, you must **take into consideration that air flow lost through hoses and fittings will result in pressure drops.** However, the more CFM the compressor produces, the better your tool will run, even with longer hoses and more fittings.

Remember to oil your air compressor regularly so it performs correctly.
(You do not need to do this with oil-free compressors).

Compressors should be drained frequently to prevent water from reducing performance. Their receiver tanks often fill with water due to moisture content in the air, therefore the compressor has a drain screw located at the lowest part of the receiver to release it.



WHICH COMPRESSOR IS RIGHT FOR ME?

That depends on what you will be using it for and whether your application is occasional or professional continual use.

You should therefore begin by checking the CFM (Cubic Feet per Minute) to see what flow rate each compressor releases, as this relates to the suitability of the compressor to the type of job.

For example, if it's for a nail gun/impact wrench which will be used for short periods of time a lower CFM would be sufficient; whereas a tool to be used continuously, such as a paint sprayer or sander, would need a higher CFM.

Regardless of the required flow rate, always look for the best rated CFM output with the lowest dB (decibel) output at the lowest HP (Horse Power).

FOUR FACTORS TO CONSIDER

Does noise volume matter?

Compressors by nature are noisy. A piston compressor can emit up to 97dB, which could be uncomfortable for long periods of time. If high noise volumes are an issue there are lower rated compressors which typically start with a 60dB output. These are usually called "oil-less" or "silent" compressors.

CFM (FAD/Actually delivered) V CFM (Displacement)

These are the two common terms used to describe the Cubic Feet per Minute of a compressor. CFM (Displacement) relates to what the output from the machine's pump and receiver should be in theory. In practice, once the air begins its journey it will naturally slow down. This is then measured as CFM (FAD). This could be critical to the usage of a tool that is on the cusp of Displacement and FAD.

It is important to establish how much CFM your air compressor needs to produce in order to power all your air tools, so be sure to check the CFM in the catalogue or tool manufacturer's manual. If you plan to run more than one tool at the same time the CFM of each tool should be added together.

Consider the tank size

This is always a priority focus as smaller tanks are suitable for lighter applications and larger ones are required for heavier/industrial duties. Compressor tanks (receivers) can start as low as 6ltr and go up to 200ltr.

Our handy table below demonstrates how many seconds a tool will run with various size compressors. In general, if you will be using air tools that require continuous air, such as a sander, then you should consider an air compressor with a larger tank. If you're using a tool, for example a drill that operates in short bursts, 6 seconds may be enough, therefore a smaller compressor will suffice.

Oil free or oil lubricated compressor

An oil-free compressor is lubricated through the addition of a non-stick coating, whereas an oil-lubricated compressor mostly uses oil. The most suitable choice for you will depend upon the size and type of application and factors such as your operation's budget and waste requirements.

Oil-free compressors are smaller and lighter therefore save energy and reduce carbon emissions as they use less electricity. They also save on waste because there is no need for air/oil separator and filtration elements to eliminate oil aerosols, meaning no worn-out parts to dispose of and replace. They are recommended for applications where oil contamination is an issue, such as electrical, pharmaceutical or food and beverage.

Oil-lubricated compressors typically require less maintenance and have a longer life span. They are ideal for smaller processes where there is no issue of oil contamination.

This table shows how many seconds a tool will run with various size compressors.

Part Number	Description	Stated CFM	9l	24l	50l	100l	150l	200l
APP210S	1/2" PRESTIGE Impact Wrench	6.5	1	4	8	16	24	33
APP761	Palm Sander	2	5	13	26	53	79	106
APP405	10mm Air Drill	4.28	2	6	12	25	37	50
APT740	Tyre Buffer	3	3	8	18	35	53	71
APT851	Industrial Nail Coiler	5	2	5	11	21	32	42
SG01P	HVLP Suction Spray Gun	6	2	4	9	18	26	35



For more helpful product advice, visit www.pclairtechnology.com/support

OIL LUBRICATED DIRECT DRIVE COMPRESSORS

PCL's direct drive piston compressors offer great value and are a robust and reliable solution for both trade and DIY workshop applications. Featuring proven and reliable compressor pumps from 2 HP to 2.5 HP, direct driven by a high quality electric motor, each model has automatic controls for ease of use and economical operation. Fitted with genuine PCL couplings.

Fitted with PCL Couplings



CM2550D



CM2024D

FEATURES

- Fitted with a genuine single stage 2 and 2.5 HP motors
- User friendly clear pressure gauges and oil level gauge
- Fitted with genuine PCL Airflow or XF-Euro couplings on the outlet
- Twin outlets for greater flexibility
- Simple push on/off button start
- Low noise

Part Number	Air Receiver	Air Flow	Motor	Noise
CM2024D	24 litre	206 l/min / 7.3 cfm	2 HP / 1.5 kW / 2850 rpm	82 dBa
CM2550D	50 litre	232 l/min / 8.2 cfm	2.5 HP / 1.8 kW / 2850 rpm	89 dBa
Also available with EU plug & XF-Euro couplings				
CM2024D/EU	24 litre	206 l/min / 7.3 cfm	2 HP / 1.5 kW / 2850 rpm	82 dBa
CM2550D/EU	24 litre	232 l/min / 8.2 cfm	2.5 HP / 1.8 kW / 2850 rpm	89 dBa

OIL FREE DIRECT DRIVE COMPRESSORS

Recommended for where oil contamination would present a risk, PCL's oil free air compressors are a handy and versatile piece of kit. Suitable for a variety of applications, from professional jobs in a trade workshop to DIY projects at home, these compact units are lightweight and easy to move around, making them ideal for use in limited spaces.



CMS24OF



CMS09OF

FEATURES

- Fitted with a genuine single stage 0.8 and 1 HP motors
- User friendly with clear, easy to read pressure gauges
- Fitted with genuine PCL Airflow Couplings on the outlet
- Compact design, suitable for tight spaces
- Low noise

Part Number	Air Receiver	Air Flow	Motor	Noise
CMS09OF	6 litre	106 l/min / 3.7 cfm	0.8 HP / 0.55 kW	72 dBa
CMS24OF	24 litre	138 l/min / 4.8 cfm	1 HP / 0.75 kW	72 dBa

COMPRESSOR OIL

PCL's compressor oil (ISO 32) is suitable for rotary screw, vane and reciprocating compressors, including PCL's Direct Drive models.

Always check the compressor manufacturer's recommended oil viscosity grade.



Part Number	Description
ISO321L	1 Litre ISO 32 Compressor Oil

HVLP SPRAY GUNS

PCL's HVLP Spray Guns are equipped with a precision engineered brass air cap, stainless steel fluid nozzle and needle - providing a premium quality paint finish. This newly developed model is environmentally-friendly, offering high transfer efficiency and lower material consumption.

FEATURES

- Reduced overspray minimises wasted paint
- Suitable for water based paints
- Maximum working pressure: 43 psi / 3 bar



SG01P

SG02P

HVLP Suction Spray Gun

Part Number	Air Consumption	Aluminium Cup Capacity	Nozzle Size
SG01P	6 cfm / 170 l/min	1 Litre	1.7 mm

HVLP Gravity Spray Gun

Part Number	Air Consumption	Aluminium Cup Capacity	Nozzle Size
SG02P	5.5 cfm / 156 l/min	0.6 Litre	1.4 mm

WHAT IS HVLP

HVLP (high-volume, low-pressure) spray guns need a high volume of air (HV) to aerosolize the paint. The combination of high volume and low pressure in the paint container draws the paint upwards. Once it hits the high volume of air, the paint vaporizes and creates a fine spray. This provides greater control of paint application and increased efficiency.

LITE SPRAY GUNS

This Lite Spray Gun is part of PCL's economy range of products designed for those looking for a fit for purpose product that doesn't cost the earth. Material is lightweight aluminium and the product is supplied with a 1.5 mm nozzle as standard. Suitable for light viscosity painting applications.

FEATURES

- Lightweight materials
- Operating pressure: 3-4 bar / 43-58 psi
- Comes complete with cleaning brush and hose tailpiece adaptor



SG01L

SG02L

Suction Spray Gun

Part Number	Air Consumption	Aluminium Cup Capacity	Nozzle Size
SG01L	4.2 - 7.1 cfm / 120 - 201 l/min	0.75 Litre	1.5 mm

Gravity Spray Gun

Part Number	Air Consumption	Aluminium Cup Capacity	Nozzle Size
SG02L	4.2 - 7.1 cfm / 120 - 201 l/min	0.61 Litre	1.5 mm

CHOOSING BETWEEN A SUCTION AND GRAVITY SPRAY GUN

The difference between these two spray guns is the way in which a supply of paint is fed to the nozzle, therefore choosing the style of spray gun is a matter of personal preference. Gravity spray guns hold the paint container on top of the gun and are generally lighter and easier to clean. They are great for smaller projects and touching up.

Suction spray guns (HVLP) need more compressed air to create the vacuum required to pull paint from the container (situated below) and into the gun - which means a bigger compressor, ideally 50LTR - 100LTR. Their greatest advantage is ease of use, as they can be used at angles a gravity spray gun might struggle with.

HOW TO SELECT THE RIGHT BLOWGUN

Should I choose plastic or metal?

This is down to personal preference. PCL's ERGO and ERGO EXTREME blowgun ranges are manufactured from highly durable Zytel Nylon, which provides heat and chemical resistance but is lighter in weight than metal products and feels warmer in the hand. Nozzles are usually metal, with internal components made from brass and stainless steel, adding to the increased durability and longevity.

PCL's entry level range is also manufactured from plastic. These blowguns do not have the same high levels of durability, however they do represent excellent value for money.

Where longer life is a priority over comfort, metal blowguns are a good option. PCL offers die-cast alloy products in two styles – pistol or palm – both of which are compact and robust.

Pressure required

This depends upon the maximum pressure relevant to your Health & Safety air supply and working practices. There is no specific UK legislation relating to this, however OSHA states that industrial safety air blowguns should be used for industrial applications.

Why use safety blowguns?

PCL's safety blowguns feature a cleverly designed safety valve that reduces the output of air to 2 bar and slowly releases air if there is a blockage, reducing the risk of injury. They are designed to ensure noise levels do not exceed 90dB, as continuous, repeated exposure to anything above that poses a significant risk of partial or permanent hearing loss.

SAFETY NOZZLES

HELPFUL PRODUCT ADVICE



Aircurtain Nozzles
(Flat)



Reduced Jet-velocity Nozzles
(Concentrated)

Type of nozzle

PCL offers a range of nozzles from the standard conical nozzle to safety nozzles. For industrial applications, conical nozzles should only be used with a blowgun that has a tamper-proof 2 bar valve.

Safety nozzles are available in two types - Aircurtain and Reduced Jet-velocity – and are selected according to the size and shape of the object the air stream is aimed at, as this will dictate whether you need a flat or concentrated pattern of air.

BLOWGUN SAFETY TIPS



It is a company's duty to ensure the health and safety of its employees, and this includes providing safe equipment that the user is trained to use and ensuring they are aware of associated risks and precautions.

Tips for using air blowguns safely:

- Choose a safety blowgun with a safety valve
- For blowguns without a built-in safety mechanism, reduce pressure to 2 bar or 30 psi gauge pressure
- Always wear eye and ear protection
- Use a blowgun with noise levels below 90dB that meets OSHA standards
- Ensure the end of the blowgun is never blocked
- Never point a blowgun towards yourself or anyone else. Compressed air can enter the bloodstream by getting underneath the skin which can cause an embolism
- Do not use a blowgun as a vacuum or to clean clothing, particularly when clothing is worn

ERGO EXTREME BLOWGUN RANGE

DESIGNED IN SHEFFIELD

Design-engineered in the UK, with comfort and style in mind, this premium range of blowguns has the PCL DNA running right through it, from handle to tip. This sturdy product, made from durable Zytel Nylon, looks and feels good in the hand, and features a flexible, rubber grip for additional cushioning and increased strength. A newly designed air release valve is built into the body to enable the trigger/air flow to be feathered. Available in 7 options including 2 bar regulated blowguns and safety nozzles.

FEATURES

- Flexible, rubber grip on the handle for additional cushioning and strength
- Re-enforced webbing and robust design for strength and confidence
- Newly designed air release valve built into the body
- Easy storage with multiple hanging points, creating additional space and strength in the handle area
- Rp 1/4 female brass inlet for increased durability



STANDARD ERGO EXTREME BLOWGUNS

Part Number	Air Flow	Sound	Nozzle
BG7501	11.8 cfm / 334 l/min	94 dBa	Standard
BG7502	11.8 cfm / 334 l/min	94 dBa	9" Extended

Air Inlet: Rp 1/4
Working pressure: 145 psi / 10 bar

SAFETY BLOWGUNS & NOZZLES

2 BAR AUTO SAFETY ERGO EXTREME BLOWGUNS



PCL's 2 Bar Auto Safety Blowguns are equipped with an automatic pressure reduction which ensures the air inlet will automatically be reduced to the recommended 2 bar. This virtually eliminates user error, ensuring safety.

Part Number	Air Flow	Sound	Nozzle
BG8501	8.9 cfm / 252 l/min	90 dBa	Standard
BG8502	8.9 cfm / 252 l/min	90 dBa	9" Extended

TURBO ERGO EXTREME BLOWGUN



PCL's TURBO Nozzle Safety Blowgun is ideal when increased airflow is required, enabling additional air to be absorbed safely through the sides.

Part Number	Air Flow	Sound	Nozzle
BG7508	18.4 cfm / 521 l/min	114 dBa	Turbo

LOW NOISE ERGO EXTREME BLOWGUN



PCL's Low Noise Safety Blowgun is designed to reduce the risk associated with noise exposure. Its innovative nozzle design ensures that the airflow continues through the sides of the pipe if the tip becomes blocked.

Part Number	Air Flow	Sound	Nozzle
BG7506	9.8 cfm / 271 l/min	80 dBa	Low Noise

AIRCURTAIN ERGO EXTREME BLOWGUN



Recommended for use in large areas, PCL's Aircurtain Blowgun with increased air flow meets OSHA requirements for noise and safety. Its flat nozzle ensures air flow is spread out, making the blowgun impossible to block and providing an extremely high blowing force.

Part Number	Air Flow	Sound	Nozzle
BG7505	8.8 cfm / 249 l/min	94 dBa	Aircurtain

ERGO BLOWGUN RANGE

This sturdy, UK-designed product range is made from durable Zytel Nylon and looks and feels good in the hand. It features a newly designed air release valve, built into the body to enable the trigger/ air flow to be feathered and is available in 7 options including 2 bar regulated blowguns and safety nozzles.

DESIGNED IN SHEFFIELD



FEATURES

- Re-enforced webbing for strength and confidence
- Newly designed air release valve built into the body
- Easy storage with multiple hanging points
- Rp 1/4 female brass inlet for increased durability

STANDARD ERGO BLOWGUNS

Part Number	Air Flow	Sound	Nozzle
BG7001	11.8 cfm / 334 l/min	94 dBa	Standard
BG7002	11.8 cfm / 334 l/min	94 dBa	9" Extended

Air Inlet: Rp 1/4
Working pressure: 145 psi / 10 bar

SAFETY BLOWGUNS & NOZZLES

2 BAR AUTO SAFETY ERGO BLOWGUNS



PCL's 2 Bar Auto Safety Blowguns are equipped with an automatic pressure reduction which ensures the air inlet will automatically be reduced to the recommended 2 bar. This virtually eliminates user error, ensuring safety.

Part Number	Air Flow	Sound	Nozzle
BG8001	8.9 cfm / 252 l/min	90 dBa	Standard
BG8002	8.9 cfm / 252 l/min	90 dBa	9" Extended

TURBO ERGO BLOWGUN



PCL's TURBO Nozzle Safety Blowgun is ideal when increased airflow is required, enabling additional air to be absorbed safely through the sides.

Part Number	Air Flow	Sound	Nozzle
BG7008	18.4 cfm / 521 l/min	114 dBa	Turbo

LOW NOISE ERGO BLOWGUN



PCL's Low Noise Safety Blowgun is designed to reduce the risk associated with noise exposure. Its innovative nozzle design ensures that the airflow continues through the sides of the pipe if the tip becomes blocked.

Part Number	Air Flow	Sound	Nozzle
BG7006	9.8 cfm / 277 l/min	80 dBa	Low Noise

AIRCURTAIN ERGO BLOWGUN



Recommended for use in large areas, PCL's Aircurtain Blowgun with increased air flow meets OSHA requirements for noise and safety. Its flat nozzle ensures air flow is spread out, making the blowgun impossible to block and providing an extremely high blowing force.

Part Number	Air Flow	Sound	Nozzle
BG7005	8.8 cfm / 249 l/min	94 dBa	Aircurtain

BEST SELLER

PLASTIC BLOWGUNS

Manufactured from chemical and impact resistant acetal resin, this range of entry level Rp 1/4 pistol grip Plastic Blowguns are available with a standard nozzle or a 9" extended nozzle that can be cut and bent to suit the application.

FEATURES

- Ergonomically designed handle, for comfort in use
- Valve allows trigger-adjustable airflow
- Maximum supply pressure: 10 bar / 140 psi

Part Number	Air Flow	Sound	Nozzle
BG5002	9.3 cfm / 270 l/min	103 dBA	Standard
BG5007	9.3 cfm / 270 l/min	103 dBA	9" Extension

STANDARD SAFETY NOZZLE BLOWGUN

Manufactured from chemical and impact resistant acetal resin, PCL's entry level Rp 1/4 pistol grip Plastic Blowgun. It features an innovative safety nozzle design which ensures the airflow cannot be blocked.



FEATURES

- Ergonomically designed handle, for comfort in use
- Innovative nozzle design ensures that the airflow cannot be blocked
- Valve allows trigger-adjustable airflow
- Brass thread inlet for increased durability
- Maximum supply pressure: 10 bar / 140 psi

Part Number	Air Flow	Sound	Nozzle
BG5004	9.3 cfm / 270 l/min	92 dBA	Safety

PISTOL GRIP BLOWGUN

This Rp 1/4 Pistol Grip Blowgun is manufactured from high quality die-cast alloy, giving the tool a long, trouble-free life.



FEATURES

- Robust and compact design
- Supplied with a conical and safety nozzle
- Maximum supply pressure: 10 bar / 140 psi

Part Number	Air Flow	Sound	Nozzle
BG405	11.2 cfm / 320 l/min	93 dBA	Conical & Safety

PALM BLOWGUNS

This robust blowgun with Rp 1/4 air inlet is manufactured from high quality die-cast alloy for a long, trouble-free life.

FEATURES

- Robust and compact design
- Extensive, easy to fit with additional nozzle range
- Display packed for convenience
- Maximum supply pressure: 14 bar / 200 psi

Part Number	Air Flow	Sound	Nozzle
BG105	5.3 cfm / 148 l/min	106 dBA	Conical
BG106	5.3 cfm / 148 l/min	98 dBA	Safety

MADE IN SHEFFIELD



ECONOMY PALM BLOWGUN

The robust Palm Blowgun with Rp 1/4 air inlet is manufactured from high quality die-cast alloy, giving the tool a long, trouble-free life.

FEATURES

- Robust and compact design
- Supplied with a conical and safety nozzle
- Display packed for convenience
- Maximum supply pressure: 10 bar / 140 psi

Part Number	Air Flow	Sound	Nozzle
BG605	8.9 cfm / 252 l/min	105 dBA	Conical & Safety



AIRVAC

The PCL AirVac is a useful addition to any toolbox. With vacuum and blow functions and numerous attachments, it will keep your workspace clean and free of debris.

FEATURES

- Neat slimline design
- Handy dust bag and extension tube
- Includes 3 different nozzle attachments and 1 extension nozzle

Part Number	Air Consumption
AV301	3.6 cfm / 100 l/min



BLOWGUN NOZZLES

PCL's comprehensive range of threaded (1/8 in inlet), easy to fit nozzles are interchangeable and cater for all blowgun applications.

Part Number	Nozzle
BGN4088	Conical
BGN461	Standard
BGN466	9" Extension



Explore our wide range of couplings and adaptors

See pages 7-20



HOSE REELS

Specifically designed for use with compressed air in garages, workshops and industrial applications, PCL's hose reel range comes in three sizes, with different hose lengths and diameters to suit user needs.

Each features a hose stop that stops in any position and is adjustable at the flick of a lever. All except the bench top hose reel are slow retract, taking up to 9 seconds.

Easy to maintain, cleaning brushes are now included as standard to avoid debris being taken back into the reel, which can cause the layering system to fail.

FEATURES

- Easy to use adjustable hose stopper - Reduces non-value-added time
- Auto retract - Easily and smoothly rewinds the hose
- Built-in brushes prevent debris entering the reel and affecting the layering system
- High impact polypropylene construction for maximum durability
- Copper tail outlet thread with dust cap
- Steel wall mounting 180° swivel bracket

HOSE: PVC OR RUBBER/PVC BLEND

CASE TYPE: POLYPROPYLENE







BENCH TOP HOSE REELS

The compact and hard-wearing Bench Top Hose Reel is perfect for confined environments where space is a major factor and robustness and reliability is essential.



Part Number	Hose Length	Hose I.D.	Inlet & Outlet Size	Hose Type
HRA2X	8 m	8 mm	1/4" BSPT	PVC

Working pressure: 120 psi / 8 bar

WORKSHOP PRO HOSE REELS

Designed with safety in mind, PCL's medium-sized Workshop Pro Hose Reels feature a slow retracting mechanism that prevents accidental loss of hose control during retraction, reducing the risk of injury or damage. The range also offers a bright hi-vis hose option for extra safety around garages and workshops.



BEST SELLER

Part Number	Hose Length	Hose I.D.	Inlet & Outlet Size	Hose Type
HRA3L02	15 m	10 mm	1/4" BSPT	PVC
HRA3L03	20 m	10 mm	1/4" BSPT	Rubber & PVC Blend
HRA3L02/HV	15 m	10 mm	1/4" BSPT	Hi Vis Rubber & PVC Blend

Working pressure: 250 psi / 17 bar

WORKSHOP PRESTIGE HOSE REELS

PCL's Workshop Prestige Hose Reels are the largest reels of the new range with a 1/2" BSPT connection. The reels feature a slow retracting mechanism which prevents accidental loss of hose control during retraction, reducing the risk of injury or damage.



Part Number	Hose Length	Hose I.D.	Inlet & Outlet Size	Hose Type
HRA3M01	15 m	12 mm	1/2" BSPT	PVC
HRA3M02	18 m	12 mm	1/2" BSPT	Rubber & PVC Blend

Working pressure: 250 psi / 17 bar

RETRACTA SPRING REWIND HOSE REELS

The original Retracta polypropylene reel has built an enviable reputation for reliability in the toughest environments across the globe.

The patented, world-first RACR 'Retracta Adjustable Control Return' system can be retro fitted to any R3 Retracta and enables the user full control to set the speed of return to suit individual requirements.



FEATURES

- High visibility yellow hose for extra safety
- Optimised safety with RACR® adjustable rewind speeds
- Overrun protection on spring preventing spring damage on drum
- Safe tensioning mechanism with uni-directional ratchet stops main spring release while tensioning
- Steel wall-mounting 180º swivel bracket

Part Number	Hose Length	Hose I.D.	Inlet Size	Hose Type
HRA3V02	20 m	10 mm / 3/8"	3/8"	Hi-Vis PVC Blend
HRA3V03	15 m	13 mm / 1/2"	1/2"	Hi-Vis PVC Blend
Working pressure: 250 psi / 17 bar				

Part Number	Description
HRA3SR	Retracta Adjustable Control Return

STEEL AIR HOSE REELS

Specifically designed for heavy-duty compressed air use in garages, workshops and industrial environments, these dual-arm steel hose reels offer enhanced durability and control. Fitted with nitrile rubber (NBR) hose for superior resistance to oils and acids, they are life-tested to 8,000 cycles to ensure reliable performance.

FEATURES

- Auto retract is standard, and neatly and effortlessly stores the hose with no kinks or tangles
- Four non-snag hose rollers to reduce hose wear
- Adjustable arm guide and dual pedestal base
- Solid steel axle and mounting base with stop guard
- BSPT fixed type brass fittings with moulded strain reliefs prevent kinking at connection point
- Wall mounting fixings included



Part Number	Hose Length	Hose I.D.	Inlet Size	Hose Type
HRA4P01	15 m	10 mm / 3/8"	1/4" BSPT	Nitrile Rubber (NBR)
HRA4P02	15 m	13 mm / 1/2"	1/2" BSPT	Nitrile Rubber (NBR)
Working pressure: 300 psi / 20 bar				

Part Number	Description
HRA4PSB	360° swivel base

HAND PUMPS

TECALEMIT hand pumps provide a dependable solution for transferring small quantities of diesel, oil, AdBlue, chemicals, and other fluids. Easy to install and simple to operate, they require no electricity and are engineered for long-lasting, maintenance-free use. Available as standalone units or complete sets with hose and spout, TECALEMIT hand pumps offer flexible options for a wide range of non-commercial refuelling and fluid-handling applications.

HAND PUMP K 10 C

The hand-operated K 10 C is an ATEX-approved piston pump for the transfer of fuels and oils from a drum or small container. The M64 x 4 and G2" threads are integrated in the housing for simple assembly. Available with two different suction pipes, it is suitable for use with diesel, RME, petroleum (hazard class AI-III), Kerosene (hazard class AI-II), gas oil, low viscosity mineral oils and antifreeze (concentrate).



FEATURES

- For drums and small containers
- Single-action piston pump with siphonic action
- 1.5 m conductive fuel delivery hose with anti-kink spring

CONFORMS TO » ATEX MARK EX II 2/2 G C IIA T3



Part Number	Suction Pipe Type	Hose
103 089 100	Telescopic	1.5 m hose with anti-kink spring
103 089 200	Telescopic	1.5 m hose with grounding wire

- Capacity: 0.25 l/stroke
- Rigid suction pipe length: 840 mm
- Telescopic Suction Pipe Length: 470 - 925 mm
- Drum thread: M 64 x 4 / G 2"

HAND PUMP OK 9 B

Built for long term durability, this hand-operated crank pump is used to distribute oil out of drums and small containers and is suitable for motor, gear and hydraulic oil up to SAE 80. The OK 9 B is a single-action piston pump with siphonic action, and comes complete with a 470-925 mm telescopic suction pipe.

FEATURES

- For drums and small containers
- Single-action piston pump with siphonic action
- Non-drip outlet
- Adjustable drum screw connector

Part Number	Suction Pipe Type	Outley
122 029 000	Telescopic	Non-drip spout
122 029 100	Telescopic	1.5 m dispensing hose

- Capacity: 0.25 l/stroke
- Suction pipe length: 490 - 925 mm
- Drum thread: G 2"



122 029 000



122 029 100

HOW TO SELECT THE RIGHT HAND PUMP

Start by checking **liquid compatibility** - the pump must suit the fluid being handled (e.g., K 10 C for fuels, OK 9 B for oils up to SAE 80, KP 01 for oils up to SAE 140, PCP 250 for chemicals).

Consider the **viscosity** of the liquid, as thicker fluids require different pump mechanisms than thinner ones.

Look at the required **flow rate** and how much **pumping effort** is acceptable, since hand pumps vary in output per stroke.

Ensure the pump fits your container; most TECALEMIT pumps mount on standard **2" drum threads** and include telescopic suction tubes.

Finally, think about **portability** and the **environment** - lightweight pumps suit multi-site use, while ATEX-approved models like the K 10 C are essential in hazardous areas.

HAND ROTARY PUMP KP 01

TECALEMIT'S hand-operated rotary KP 01 Hand Pump is for the distribution of oil out of drums and small containers. Suitable for diesel, gas oil, low viscosity mineral oils SAE 50, engine oil, gearbox oil (up to SAE 140) and hydraulic oil.

FEATURES

- Rigid suction pipe
- Rugged and hard-wearing
- Working principle rotation, making it easier to turn rapidly

Part Number	Description
131 130 100	KP 01 Hand Rotary Pump

- Capacity: 0.25 l/stroke
- Suction pipe length: 990 mm
- Drum thread: G 2"

Ideal for heavy oils



HAND CRANK PUMP HK 07

TECALEMIT's hand-operated, single-action piston crank pump distributes engine, gear and hydraulic oil out of drums and small containers. The HK 07 has a telescopic suction pipe which extends up to 850 mm.

FEATURES

- Single-action piston pump
- Telescopic suction pipe extends up to 890 mm
- Suitable for low viscosity minerals oils up to SAE 50

Part Number	Description
129 501 700	KP 07 Hand Crank Pump

- Capacity: 0.35 l/stroke
- Suction pipe length: 850 mm
- Drum thread: G 1 1/2 & 2"

Ideal for light oils



PCP 250 HAND PUMP FOR CHEMICALS

TECALEMIT's hand-operated piston pump is designed for the distribution of chemicals out of drums and small containers.

FEATURES

- Single-action
- Includes 1.2 m hose set

Part Number	Description
131 053 200	PCP 250 Hand Pump for Chemicals

- Capacity: 0.25 l/stroke
- Suction pipe length: 840 mm
- Drum thread: G 2"

Ideal for chemicals



HAND PUMP FOR ADBLUE®

TECALEMIT's hand lever pump has been designed for the simple, cost-effective transfer of AdBlue®, also known as DEF, from a 200 litre drum. Incorporating a plastic housing with outlet tap, it comes complete with a 1.5m pressure hose.

FEATURES

- Hand lever pump in plastic housing with outlet tap
- Three-parts, telescopic suction pipe 640 - 980 mm
- For use with 200 litre drums
- Pressure hose 1.5 m with outlet manifold
- Includes adaptor for S56 x 4 and S70 x 6 buttress thread

Part Number	Description
131 053 000	Hand Pump for AdBlue

- Capacity: 0.5 l/stroke
- Suction pipe length: 690 - 980 mm
- Drum thread: 2" BSP

Ideal for AdBlue



BEST SELLER

FMT 3 FLOW METER

TECALEMIT's FMT electronic flow meter is impressively robust and versatile in its suitability for a wide range of liquids.

Compact and easy to use, it measures passing liquid using the principle of a turbine wheel counter. This means minimal disruption to the flow, which can continue right through the turbine, resulting in little pressure loss whilst allowing the speed to remain high. The two-line LED display then shows the current dispensation values and total stored volume or 8 partial stored volumes.

A symmetric measurement chamber allows the device to be used with all flow directions, therefore only one flow meter is necessary.



Use with all flow directions

FEATURES

- Display can be rotated in 90° increments
- Precise measurements – less than ±1%
- Large, illuminated display
- Long battery life - approx. 5 years
- For use with a wide range of liquids such as fuel oil/ diesel, water and antifreeze

SCAN HERE TO FIND OUT MORE

Part Number	Flow Rate	Nominal Pressure	External Thread
253 591 006	5 - 120 l/min	10 bar / 145 psi	1"







HIGH-PRESSURE TWO HANDED LEVER-TYPE GREASE GUN

This two-headed industrial, grease gun is stable, robust, reliable and easy to operate. It features a 4 jaw hydraulic connector for lubrication procedures conducted on high-quality machines with long lubrication lines. The light-weight design with ergonomic handles and nozzle holder, ensures precision and cleanliness.



FEATURES

- Extreme ease of operation and reliable lubrication
- 300 mm high pressure hose
- 4 jaw hydraulic connector
- Holds 500 g screw-on cartridges

Part Number	Description
011 681 051	High Pressure Two-handed Lever Type Grease Gun

- Pressure capacity: Max. 400 bar
- Delivery rate / stroke: up to 2 cm³
- Connection thread: M 10 x 1 IG

LEVER-OPERATED GREASE GUNS

These compact and robust industrial grease guns feature a lever handle mechanism and vinyl cover, providing a comfortable grip, whilst an extension pipe helps the user to reach tight areas. Available with a 150mm nozzle tube or 300mm high pressure hose, guns come with a 4-jaw hydraulic connector.

FEATURES

- Lever handle grip
- 4 jaw hydraulic connector
- Holds 400 g cartridge / 500 cm^3 content

Part Number	Description	Nozzle Tube
011 681 021	Lever-type Grease Gun	150 mm
011 681 031	Lever-type Grease Gun	300 mm
011 681 041	One-handed Lever-type Grease Gun	150 mm

- Pressure capacity: Max. 400 bar
- Delivery rate / stroke: up to 2 cm^3
- Connection thread: M 10 x 1 IG



011 681 041 011 681 031 011 681 021

EXPLORE OUR WIDE RANGE OF HOSES

To complement PCL's vast range of couplings, adaptors and tyre inflation equipment, a wide variety of air hoses are available. PCL's air hoses come in convenient cut lengths between 10m and 100m.

For your convenience PCL also has a range of hose assemblies, complete with couplings and adaptors – just plug in and go.

See pages 23-28



AIR TOOLS



PCL's extensive range of air tools is designed to meet the rigorous needs of a busy, modern workshop, comprising everything from impact wrenches and ratchets, to sanders and grinding tools. It includes the PRESTIGE range of high-quality tools, which provide low vibration, low noise, ergonomic grip and higher performance.

AIR TOOLS INDEX









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PRESTIGE 1/2" IMPACT WRENCH

Featuring a durable composite casing with forward and reverse modes, the PRESTIGE 1/2" Impact Wrench is fast, strong and exceptionally robust. The twin hammer mechanism provides more power and smooth balanced blows, whilst the high performance motor delivers 1,400 Nm torque. Despite reaching a speed of 7,000 rpm with a working pressure of 90 psi, this sturdy impact wrench benefits from low noise and vibration.

FEATURES

- Durable body casing for maximum use
- Three stage speed adjustment
- Forward and reverse modes
- Strong, fast & low vibration
- High performance twin hammer mechanism
- Comfortable rubber handle, protects against the chill of compressed air



The flagship of the PCL Prestige range of wrenches

PRESTIGE air tool

APPLICATION » TYRE SHOPS & GARAGES

Part Number	Size	Torque	Weight	Vibration
APP210S	1/2"	1,400 Nm	2.4kg	4.66 m/s

DOES MY POWER TOOL NEED TO BE PNEUMATIC?

Deciding whether or not a pneumatic tool is the right choice for you will ultimately depend on the following:

Do you need a high performance tool?

Air tools use simple air motors or pistons rather than an electric motor, making them considerably lighter than electric tools, with a high power to weight ratio. Therefore, if high performance and all-day use are key factors, air tools deliver the best results and reduce user fatigue.

What is your working environment like?

Air tools are quite slim compared to electric tools, which have bulky motors. This makes them ideal for areas where space is limited, or in cramped locations, for example when working on cars.

Air tools are also easy to switch over on the air line, with no need to keep plugging them into an AC socket or down tools when an extension lead won't reach. This enables the user to get jobs done more quickly and conveniently.

Do you have easy access to compressed air?

If you don't already have an air line there will be the initial expense of setting one up to use air tools. However, pneumatic tools provide lower on-going maintenance costs than electric tools as they have fewer working parts that can go wrong. This can result in long-term savings.

SCAN TO READ THE FULL GUIDE

PCL'S AIR TOOL COLLECTIONS

PRESTIGE air tools

PCL's PRESTIGE range provides the ultimate in performance for the serious professional user, offering:

- Proven technology aimed at getting the job done faster and more easily
- Reduced noise and vibration output compared to other tools on the market
- Ergonomic grip designed to reduce fatigue during prolonged periods of usage
- Lightweight bodies ideal for frequent use

PRO air tools

PCL's PRO range is aimed at the everyday tradesman who requires a price competitive air tool without the worry of compromising on quality or performance.

Specifically designed to withstand the rigours of day to day use in the heaviest of workshop and tyre environments, PCL's PRO range delivers without exception.

PCL MINI air tools

The PCL MINI range delivers the same outstanding performance and quality in a compact size, offering:

- Compact and lightweight design for maximum operator control
- Ultimate flexibility, allowing access to small areas which are often unreachable with conventional air tools, even managing difficult to operate standard hand tools
- Soft grip for superior comfort and non-slip feel
- High power motor for consistent performance



FIND OUT MORE
IN OUR BUYERS GUIDE

EXPLORE OUR RANGE OF IMPACT SOCKETS & SETS FOR USE WITH WRENCHES AND RATCHETS.



See pages 109-111

NEW

PRESTIGE STUBBY 1/2" IMPACT WRENCH



Lightweight, compact, and robust, this 1/2" Impact Wrench performs in areas others can't reach. Its design allows users to tackle tasks from brake disc and front-end work to wheel removal, making it an ideal tool for small engine repair, transmission service, and overall automotive maintenance.

FEATURES

- Lightweight and compact, easy to use in tight spaces
- Handle exhaust directs air away from operator
- Durable composite casing with non-slip soft grip handle
- Jumbo hammer - high torque output

PRESTIGE air tool

APPLICATION » GARAGES, MANUFACTURING & WORKSHOPS

Part Number	Size	Torque	Weight	Vibration
APP220S	1/2"	745 Nm	1.2 kg	6.81 m/s

PRESTIGE COMPACT 1/2" IMPACT WRENCH



Professional and compact, the PRESTIGE 1/2" Impact Wrench packs a mighty punch, allowing access to difficult to reach areas. Ergonomic and lightweight in design, this unit is comfortable to use, whilst its durable body provides longevity of life

FEATURES

- Durable body casing for maximum use
- Comfortable rubber handle, protects against the chill of compressed air
- Lightweight, enables continuous use
- Ergonomic design reduces fatigue and vibration impact

PRESTIGE air tool

APPLICATION » TYRE SHOPS, GARAGES & MANUFACTURING

Part Number	Size	Torque	Weight	Vibration
APP201	1/2"	433 Nm	1.29 kg	3.35 m/s

PRO 1/2" IMPACT WRENCH

Ideal for general purpose repairs in busy workshops, the PRO 1/2" Impact Wrench is designed and manufactured to PCL's high standards, featuring a pin clutch hammer mechanism with forward and reverse mode.



FEATURES

- Forward and reverse mode
- Non slip comfortable grip
- Maximum torque 540 Nm
- Good weight distribution for maximum comfort

PRO air tool

APPLICATION » WORKSHOPS & GARAGES

Part Number	Size	Torque	Weight	Vibration
APT205	1/2"	540 Nm	2.4 kg	7.6 m/s

PRO 1/2" IMPACT WRENCH

The twin hammer PRO 1/2" Impact Wrench features a traditional design with increased power and smoother balanced action. Its aluminium body provides ample protection for the rigours of the workplace. Delivering 594 Nm torque, this Impact Wrench is ideal for tyre changing and front end work.



FEATURES

- Forward and reverse mode
- Non slip comfortable grip
- Maximum torque 594 Nm
- Good weight distribution for maximum comfort

PRO air tool

APPLICATION » WORKSHOPS, GARAGES & TYRE SHOPS

Part Number	Size	Torque	Weight	Vibration
APT208	1/2"	594 Nm	2.6 kg	9.33 m/s

FOUR STEPS TO PEAK AIR TOOL PERFORMANCE

1. Check the volume of compressed air required by the tool to work properly and efficiently. This value is given in cubic feet per meter (cfm) or in litres per second/minute (l/s or l/m).
2. Check the recommended hose diameter as this affects working pressure. The correct measurement will ensure your tools perform at their best.
3. Check the air tool inlet size to help you choose the correct size connector.
4. Check the inlet type as there are three types of inlet threads which should never be mixed:
    - BSP (British standard pipe): Commonly used in Europe
    - NPT (National pipe thread): Commonly used in USA
    - PT (Pipe thread): Commonly used in Asia

PRESTIGE 1/2" FLEXI IMPACT WRENCH

NEW

Ideal for tight and hard-to-reach areas, the 1/2" Flexi Impact Wrench delivers high torque in a compact, ergonomic design, making automotive tasks faster and easier while remaining durable for heavy use.

FEATURES

- 120° flexible head tilts forward and backward for better access
- 360° rotatable trigger for comfortable operation in any position
- High maximum torque for powerful performance
- Durable composite casing built for demanding automotive work
- Jumbo hammer mechanism for long-lasting reliability

TRUSTED BY PROFESSIONALS



★★★★★

"We've never seen anything like it before. It gets into all the nuts and crannies whilst still delivering strong power, making our job much easier"

Commercial Fleet Maintenance Workshop

Part Number	Drive Size	Free Speed	Max Torque	Weight	Vibration
APP230S	1/2"	9,200 rpm	474 Nm	1.3 kg	9.72 m/s

APPLICATION » WORKSHOPS & GARAGES

PRO 3/8" IMPACT WRENCH

The PRO general purpose 3/8" Impact Wrench is ideal for bench work, small engine and body repairs, ignitions, body panels and transmissions.



FEATURES

- Single hammer mechanism
- Forward and reverse mode
- Rear exhaust

PRO air tool

APPLICATION » WORKSHOPS

Part Number	Size	Torque	Weight	Vibration
APT105	3/8"	102 Nm	1.25 kg	17.37 m/s

PRESTIGE 3/4" IMPACT WRENCH

With its high performance motor delivering 1,620 Nm torque, combined with low vibration and smooth balanced blows, this PRESTIGE Impact Wrench makes light work of changing larger tyres. Meanwhile the uphill soft grip makes it comfortable to hold, even for long periods of operation, making it ideal for use in spring work maintenance of buses, trucks, farm machinery, truck tyre work and major engine tear down.



FEATURES

- Ergonomic design for comfort
- Lightweight
- Reduced vibration

PRO air tool

APPLICATION » TRUCK GARAGRES, FARM VEHICLE GARAGES & BUS DEPOT'S

Part Number	Size	Torque	Weight	Vibration
APP234	3/4"	1,620 Nm	3.23 kg	9.18 m/s

PRESTIGE 1" IMPACT WRENCH

NEW

Designed to support efficient tyre changing, this 1" impact wrench delivers high torque in a well-balanced design, helping operators maintain strong performance with improved control and handling.

FEATURES

- Excellent power-to-weight ratio delivering 2,712 Nm at 7.1 kg
- Robust twin hammer mechanism for consistent, reliable power
- Swivel air inlet helps minimise hose strain during operation
- Side-mounted handle provides improved control and accuracy

TRUSTED BY PROFESSIONALS



Part Number	Drive Size	Free Speed	Max Torque	Weight	Vibration
APP271S	1"	6,200 rpm	2712 Nm	7.1 kg	12.57 m/s

★★★★★

"For a 1" impact wrench, it's surprisingly light and easy to use in tight spaces"

Commercial Fleet Maintenance Workshop

APPLICATION » BUS DEPOT'S, HGV WORKSHOPS & PLANT HIRE

PRESTIGE 1" IMPACT WRENCH WITH EXTENDED ANVIL

The PRESTIGE 1" Impact Wrench has excellent power to weight ratio which makes it one of the most popular 1" impact wrenches available. This robust unit handles the rigours of heavy tyre changing workshops with ease.



FEATURES

- Twin hammer mechanism
- Single mounted handle for control and accuracy
- Swivel air inlet prevents hose kinking
- 6" Extended anvil allows user to access hard-to-reach bolts

APPLICATION » BUS DEPOT'S, HGV WORKSHOPS & PLANT HIRE

Part Number	Size	Torque	Weight	Vibration
APP271	1"	2,712 Nm	7.9 kg	12.88 m/s

PRO 1" IMPACT WRENCH

This traditional pistol style wrench delivers 2,170 Nm of high torque for heavy machinery, trucks, buses, farm machinery and other heavy industrial applications. The side handle provides a comfortable ergonomic grip for increased control.



FEATURES

- Great durability
- Twin hammer mechanism
- Side handle ensures excellent balance
- Compact and powerful
- Ergonomic handle for comfortable use

PRO air tool

Part Number	Size	Torque	Weight	Vibration
APT265	1"	2,170 Nm	8.93 kg	48.5 m/s

PRO HIGH TORQUE 1" IMPACT WRENCH WITH EXTENDED ANVIL

With a massive 3,390 Nm of torque and a 200 mm extended shank, the powerful PRO Impact Wrench gets the power to exactly where it needs to be. Fantastic for heavy industrial work, it makes light use of maintenance work on buses, trucks and other commercial vehicles.



FEATURES

- Suitable for heavy machinery and vehicle maintenance
- Side handle for balance and positive motion to the nut
- Robust, cast aluminium structure ensures longevity in harsh environments

PRO air tool

Part Number	Size	Torque	Weight	Vibration
APT266	1"	3,390 Nm	13 kg	11.16 m/s

PRESTIGE 3/8" & 1/2" RATCHETS

Easy speed control and fast run down speed are two factors that make these lightweight yet robust PRESTIGE ratchets a must for the workshop toolbox. These features give the operator greater control and comfort in engine compartment extremes.



FEATURES

- Lightweight
- Reduced vibration
- Fast run down speed
- Easy speed control

PRESTIGE air tool

Part Number	Size	Torque	Weight	Vibration
APP310	3/8"	95 Nm	1.28 kg	4.47 m/s
APP312	1/2"	95 Nm	1.28 kg	3.28 m/s

PRO 3/8" & 1/2" RATCHETS

These ratchets deliver fast, reliable torque for loosening and tightening fasteners with minimal effort. Designed for durability and comfort, they feature a compact housing and ergonomic grip for easy access in tight spaces. Ideal for automotive and industrial applications, they provide consistent performance.



FEATURES

- Easy speed control
- Ball type retainer
- Easy forward/reverse shift
- Progressive throttle

PRO air tool

Part Number	Size	Torque	Weight	Vibration
APT320	3/8"	68 Nm	1 kg	2.35 m/s
APT330	1/2"	60 Nm	1 kg	2.49 m/s

PRESTIGE 3/8" LUMPHAMMER RATCHET

A maximum torque of 258 Nm makes the PRESTIGE Lumphammer Ratchet the most powerful impact ratchet in its class. Capable of removing nuts that standard air ratchets simply can't, this lumphammer still allows access to areas normally unreachable with an impact gun. Ideal for small engine repairs, transmission work and overall automotive service work.



FEATURES

- Increased power
- Warm and comfortable to use
- Single handed forward and reverse setting
- Handle exhaust directs air away from work area

PRESTIGE air tool

Part Number	Size	Torque	Weight	Vibration
APP340	3/8"	258 Nm	1.56 kg	7.25 m/s

PRESTIGE DIE GRINDER SET

This Die Grinder set features all the attributes of PCL's PRESTIGE range of Air Tools, such as reduced vibration and non-slip grip, whilst also incorporating a swivel exhaust, speed regulator and safety lever. Comes complete with hardened plastic case and a selection of accessories.



FEATURES

- Swivel rear exhaust
- Double bearing spindle
- Speed regulator
- Reduced vibration

PRESTIGE air tool

Part Number	Size	Free Speed	Weight	Vibration
APP700SET	6 mm	20,000 rpm	0.5 kg	3.27 m/s

PRO 4" & 7" ANGLE GRINDERS

Designed for the fabrication, cutting and grinding of steel and stone, this PRO unit's powerful motor makes light work of the toughest material.



FEATURES

- Side handle for ease of use and better balance.
- Excellent performance and durability
- Compatible with 4" or 7" cutting/grinding disks

PRO air tool

Part Number	Disc Size	Free Speed	Weight	Vibration
APT715	4"	12,000 rpm	2 kg	2.34 m/s
APT716	7"	7,600 rpm	3.5 kg	3.3 m/s

PRO 6 MM DIE GRINDER

Offering high free speed and low vibration, safety throttle lever with 6 mm collet (3 piece design), this die grinder is designed for tyre buffing, polishing and grinding. Extremely versatile, the 6 mm Die Grinder is an excellent choice for use in a confined workspace.



FEATURES

- 6 mm collet
- High free speed 22,000 rpm
- Safety throttle lever
- Low vibration

PRO air tool

Part Number	Size	Free Speed	Weight	Vibration
APT702	6 mm	22,000 rpm	0.55 kg	0.337 m/s

PRO TYRE BUFFER

The PRO Tyre Buffer is designed to efficiently roughen and clean tyre surfaces in preparation for repairs. It delivers consistent speed and control for precise buffing performance. Its durable construction and ergonomic design make it ideal for professional tyre shops and heavy-duty use.



FEATURES

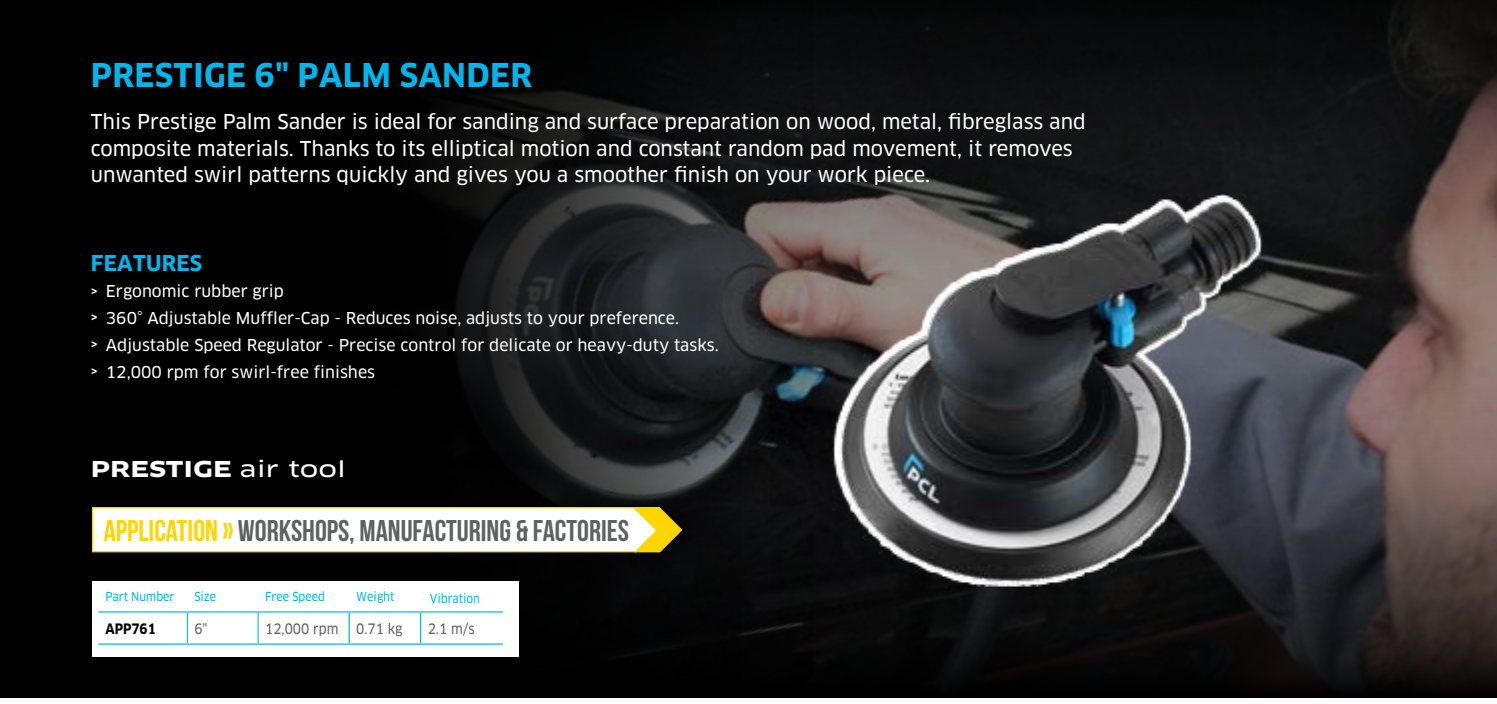
- Powerful motor won't overheat when used for prolonged periods of time
- Composite body material, built to last
- Protective hose and cover
- Quick change chuck

PRO air tool

Part Number	Size	Free Speed	Weight	Vibration
APT740	7/16"	2,600 rpm	1 kg	1.25 m/s

PRESTIGE 6" PALM SANDER

This Prestige Palm Sander is ideal for sanding and surface preparation on wood, metal, fibreglass and composite materials. Thanks to its elliptical motion and constant random pad movement, it removes unwanted swirl patterns quickly and gives you a smoother finish on your work piece.



FEATURES

- Ergonomic rubber grip
- 360° Adjustable Muffler-Cap - Reduces noise, adjusts to your preference.
- Adjustable Speed Regulator - Precise control for delicate or heavy-duty tasks.
- 12,000 rpm for swirl-free finishes

PRESTIGE air tool

APPLICATION » WORKSHOPS, MANUFACTURING & FACTORIES

Part Number	Size	Free Speed	Weight	Vibration
APP761	6"	12,000 rpm	0.71 kg	2.1 m/s

PRO 10MM BELT TENSION SANDER

Designed for metal work fabrication, general sheet metal work and general sanding applications, the PRO Belt Tension Sander is competitively priced without compromising quality or performance. A simple tension mechanism ensures the belt maximises performance and prevents slippage.

FEATURES

- Optimal positioning due to rotating handle
- Rear exhaust through handle
- Adjustable sanding arm
- Mechanism for quick and easy belt exchange
- Universal belt size 10 x 330 mm
- Maximum belt speed 16.5 m/s



PRO air tool

Part Number	Size	Free Speed	Weight	Vibration
APT780	10 mm	17,000 rpm	0.94 kg	5.65 m/s

PRO 6" ORBITAL SANDER

The powerful yet lightweight PRO 6" Orbital Sander is built for comfort and convenience, featuring an ergonomic design, built in speed regulator and pad suitable for Velcro sanding discs. A random orbit plus 12,000 rpm enables an ultra-smooth, swirl free finish.

FEATURES

- Ergonomic design
- Built in speed regulator
- Central vacuum type
- 12,000 rpm for swirl free finishes
- Random orbit



PRO air tool

Part Number	Size	Free Speed	Weight	Vibration
APT721	6"	12,000 rpm	0.9 kg	4.68 m/s

PRO REVERSIBLE AIR DRILL

A vital addition to any garage or workshop, this PRO reversible drill is designed for ease of use. The tool reverses with a simple flick of a switch, enabling the user to keep their eye on the target. Drill bits can be changed with the keyless chuck.

FEATURES

- 10 mm Jacobs keyless chuck
- Side mounted forward/reverse shift lever
- Ergonomic handle built for comfort
- Positive trigger action

PRO air tool

Part Number	Size	Free Speed	Weight	Vibration
APT401R	10 mm	1,800 rpm	1.1 kg	1.5 m/s



APT401R

PRESTIGE 10 MM AIR DRILL

PCL's 10 mm PRESTIGE Air Drill is a must for all workshops. Its ergonomic grip ensures comfort during prolonged use, whilst its size and robustness make it built to handle spring and front end work.

FEATURES

- 10 mm Jacobs Keyless chuck
- Side mounted forward/reverse shift
- Reliable heat treated gear system
- Ideal for drilling and reaming

PRESTIGE air tool

APPLICATION » WORKSHOPS & PLANT HIRE

Part Number	Size	Free Speed	Weight	Vibration
APP405	10 mm	1,800 rpm	1.16 kg	2.73 m/s



PRO 10 MM ANGLED AIR DRILL

The 10 mm PRO reaches areas a regular drill struggles with. Perfect for awkward jobs, such as drilling out exhaust brackets, this drill is suited to workshop and small manufacturing applications.

FEATURES

- Angled head for easy access
- Positive throttle
- 10mm / 3/8" chuck

PRESTIGE air tool

APPLICATION » WORKSHOPS & SMALL MANUFACTURING

Part Number	Size	Free Speed	Weight	Vibration
APT402	10 mm	1,700 rpm	1.12 kg	1.5 m/s



PRESTIGE 1/4" HEX AIR SCREWDRIVER

This low noise, lightweight screwdriver is comfortable and convenient to use with ergonomic grip. It quickly switches to reverse with a convenient thumb lever, whilst a feather trigger gives enhanced control in delicate situations.



FEATURES

- Externally adjustable torque setting range from 0-12 in 1 Nm increments
- Forward and Reverse mode
- One finger forward/reverse shift
- Reliable heat treated planetary gear machined from bar stock

PRESTIGE air tool

Part Number	Size	Torque	Weight	Vibration
APP409	1/4"	12 Nm	1.23 kg	0.48 m/s

APPLICATION » WORKSHOPS, PLANT HIRE & FARMS

PRO 1/4" HEX PISTOL SCREWDRIVER

Ideal for general workshops and body shops, the Hex Pistol Screwdriver provides forward and reverse action at the convenient flick of a switch.



FEATURES

- Spring compression determines torque setting
- Integrated holder for 1/4" bits
- Rear exhaust through handle
- Sensitive trigger mechanism
- Convenient forward/reverse shift

PRO air tool

Part Number	Size	Torque	Weight	Vibration
APT407	1/4"	17 Nm	1.2 kg	5.44 m/s

PRO 1/4" HEX STRAIGHT SCREWDRIVER

With 17 Nm of torque, this traditional, straight screwdriver's robust aluminium cast body offers longevity in manufacturing environments for detail assembly work.



FEATURES

- Maximum torque 17 Nm
- Rear exhaust
- Sensitive trigger
- Spring assisted torque setting

PRO air tool

Part Number	Size	Torque	Weight	Vibration
APT408	1/4"	17 Nm	1.1 kg	3.96 m/s

PRESTIGE AIR BODY SAW

Weighing in at an extremely lightweight 0.6kg, this PRESTIGE tool is perfect for the regular user looking for a professional body saw. Features include low vibration, high cutting capacity and adjustable rear exhaust for precision cutting under maximum control.



FEATURES

- Low vibration
- Lightweight
- High cutting capacity
- Adjustable rear exhaust

PRESTIGE air tool

Part Number	Cutting Capacity	Free Speed	Weight	Vibration
APP600	1.2 mm	10,000 rpm	0.65 kg	4.08 m/s

PRO BODY SAW

With its high cutting performance and well-balanced design, the PRO Air Body Saw is able to reach a 1.6mm cutting capacity with ease. Ideal for body shops and metal workshops and suitable for universal blades.



FEATURES

- Excellent cutting performance driven by 9,000 rpm motor
- 10mm maximum stroke
- Insulated handle and anti-vibration cover
- Adjustable blade guide
- Safety cut out throttle lever

PRO air tool

Part Number	Cutting Capacity	Free Speed	Weight	Vibration
APT650	1.6 mm	9,000 rpm	0.7 kg	23.94. m/s

PRESTIGE 3" CUT OFF TOOL

Designed for sheet metal work and precision cutting, with a composite construction to withstand the rigours of a busy workshop or garage.



FEATURES

- Swivel rear exhaust
- Double bearing spindle
- Speed regulator
- Reduced vibration

PRESTIGE air tool

Part Number	Disc Size	Free Speed	Weight	Vibration
APP708	3" / 75 mm	21,000 rpm	0.8 kg	2.16 m/s

PRO 3" CUT OFF TOOL

Ideal for light cutting tasks in tight spaces, the PRO Cut Off Tool accommodates 3" / 75 mm cutting disc and is well-suited to workshops and garages.



FEATURES

- Rear exhaust through handle
- For discs up to 75 mm diameter (up to 10 mm thick)
- Positive throttle action with safety feature
- Metal safety guard

PRO air tool

Part Number	Disc Size	Free Speed	Weight	Vibration
APT719	3" / 75 mm	20,000 rpm	0.77 kg	8.2 m/s

PRO AIR HAMMER

A general purpose air hammer for cutting, punching or chipping, the PRO Air Hammer comes with a coil spring retainer for fast and easy chisel changes - useful for body shop work such as rust removal.



FEATURES

- 3000 blows per minute
- 2 5/8" (3 mm) stroke length
- 10-11 mm shank opening
- Coiled spring chisel retainer

PRO air tool

Part Number	Blows Per Minute	Sound	Weight	Vibration
APT517	3,000	104 dBa	1.5 kg	15.14 m/s

PRO AIR NIBBLER

This PRO Air Nibbler is a precision cutting tool designed to quickly and cleanly cut sheet metal with minimal distortion. Delivering smooth, controlled cuts ideal for curves, tight patterns, and detailed work. Its compact, lightweight design makes it well suited for automotive, fabrication, and industrial applications



FEATURES

- Push cutting operation
- Ideal for tight spaces and intricate shapes
- Quick change punch and die
- Powerful motor

PRO air tool

Part Number	Cutting Capacity	Free Speed	Weight	Vibration
APT660	1.2 mm	2,500 rpm	0.8 kg	4.1 m/s

PRO RIVETER

The tough and versatile PRO Air Riveter is designed for a multitude of applications with four riveting nozzles of different sizes. Ideal for general workshops or metal work fabrication and general sheet metal hole punching work.



FEATURES

- Ergonomic design for operator comfort
- Lightweight
- Supplied with four riveting nozzles
- For rivets sized: 3/32" (2.4 mm), 1/8" (3.2 mm), 5/32" (4.0 mm), 3/16" (4.8 mm)

PRO air tool

Part Number	Traction Power	Sound	Weight	Vibration
APT690	1940 lb	76 dBa	1.6 kg	1.3 m/s

INDUSTRIAL COIL NAILER

NEW

The PCL Industrial Coil Nailer delivers reliable performance on tough construction tasks. Its lightweight die-cast aluminium body reduces fatigue, while the multi-directional exhaust keeps airflow away from the operator. Compatible with 15° wire-collated nails, it's versatile for framing, decking, fencing, and more. The contact fire trigger ensures precise, safe nailing.

FEATURES

- Powerful & Reliable - Fires 15° wire-collated nails (50mm, 64mm, 70mm not included) with precision
- Loads 225–300 nails - More than twice the capacity of comparable models
- Contact Fire Trigger - Safer operation
- Multi-Directional Exhaust - Keeps air and debris away from users
- Comfortable handling and less strain - Balanced, ergonomic design



TRUSTED BY PROFESSIONALS

★★★★★

"Our team has been using the PCL Industrial Coil Nailer and it has quickly become a favourite in our workshop. It truly excels in performance and reliability"

Shed Manufacturer

Part Number	Nail Capacity	Sound	Weight	Vibration
APT851	225 - 300 nails	89 dBa	3.8 kg	4.45 m/s

APPLICATION » PALLET MANUFACTURING, PACKAGING & GENERAL FRAMING

PRO NEEDLE SCALER

This PRO Needle Scaler is a heavy-duty tool designed for removing rust, paint, weld slag, and corrosion from metal surfaces. It delivers rapid hammering action for efficient surface preparation. Its robust construction makes it ideal for industrial maintenance, fabrication, and automotive applications.

FEATURES

- 4600 blows per minute
- Straight handle
- Hardened self-adjusting needles



PRO air tool

Part Number	Impacts Per Minute	Sound	Weight	Vibration
APT561	4,600	97.96 dBa	2.7 kg	11.85 m/s

PRESTIGE AIR HAMMER & DE-SCALING SET

Excellent for delaminating rust from steel, the de-scaling set's 19 needles remove rust with ease, and can be quickly and effortlessly changed to the hammer action chisels.



FEATURES

- Reduced vibration
- Swivel inlet
- Unique balanced design
- Quick change retainer

PRESTIGE air tool

APPLICATION » WORKSHOPS & BODY SHOPS

Part Number	Stroke	Sound	Weight	Vibration
APP570SET	67 mm	93.4 dBa	1.73 kg	7.25 m/s

MINI AIR RATCHETS

PCL's Mini Air Ratchets offer the ultimate in flexibility, allowing access to small areas often unreachable with conventional ratchets. The advanced and durable head and shoulder design provides dramatically longer life, whilst the soft grip gives users superior comfort and a non-slip feel. Suitable for the installation and repair of exhaust systems, radiators, water pumps, fuel pumps, transmissions, under-dashboard, small engine repair and all small fasteners.

FEATURES

- Palm size ratchet allows the operator to reach small areas
- Ideal for confined conditions
- Compact and lightweight design allows maximum operator control and performance
- Rear exhaust to keep airflow away from work area
- Longer life
- Soft grip provides superior comfort and non-slip feel for operation
- High power motor for consistent performance



MINI air tool

Part Number	Size	Torque	Sound	Weight	Vibration
APM100	1/4"	34 Nm	85 dBa	0.4 kg	2.3 m/s
APM200	3/8"	34 Nm	85 dBa	0.4 kg	1.5 m/s

MINI 6 MM ANGLE DIE GRINDER

The angle version of the Mini 6 mm Die Grinder offers the same outstanding performance along with optimum flexibility for operators - allowing access to small areas often unreachable by conventional die grinders.



FEATURES

- Allows the operator to reach into very small areas
- Safety lever prevents any possible accidents
- Rear exhaust to keep airflow away from the hand
- High power motor designed for all tight grinding situations

MINI air tool

Part Number	Free Speed	Sound	Weight	Vibration
APM400	19,000 rpm	81 dBa	0.3 kg	5.08 m/s

MINI 6 MM STRAIGHT DIE GRINDER

The Mini 6 mm Straight Die Grinder is a prime example of the outstanding performance and quality expected from PCL. Offering the operator optimum flexibility, it allows access to small areas which are often unreachable with conventional die grinders.



FEATURES

- Allows the operator to reach into very small areas
- Safety lever prevents any possible accidents
- Rear exhaust to keep airflow away from the hand
- High power motor designed for all tight grinding situations

MINI air tool

Part Number	Free Speed	Sound	Weight	Vibration
APT901	25,000 rpm	81 dBa	0.34 kg	4 m/s

MINI 2" ANGLE DIE GRINDER

The Mini 2" Angle Grinder offers the same outstanding performance and quality expected from PCL. The palm-size tool provides the operator with ultimate flexibility, allowing access to small areas, often unreachable by conventional grinders.



FEATURES

- Palm size angle grinder allows the operator to reach small areas
- Compact and lightweight design allows maximum operator control and performance
- Rear exhaust to keep airflow away from work area
- High power motor for consistent performance, ideal for smart repairers

MINI air tool

Part Number	Free Speed	Sound	Weight	Vibration
APM500	16,500 rpm	81 dBa	0.4 kg	5.7 m/s

MINI SANDERS

This Mini Sander is suitable for either 2" or 3" pads. It offers the same outstanding performance and quality expected from the PCL brand. Providing the operator with ultimate flexibility, it allows access to small areas often unreachable by conventional sanders.

FEATURES

- Small sanding pad either 2" or 3" allows the operator to reach small areas
- Medium sanding pad allows the operator to reach small areas whilst also maintaining surface area coverage
- Random orbit allows maximum operator control and finish
- Rear exhaust to keep airflow away from the hand
- High power motor designed for efficient sanding



MINI air tool

Part Number	Size	Free Speed	Sound	Weight	Vibration
APT909	2" & 3"	16,500 rpm	81 dBa	0.6 kg	3.8 m/s

MINI 1/4" STRAIGHT DRILL

This palm-size Mini Straight 1/4" Air Drill offers the same outstanding performance and quality as its fellow tools in the PCL range. This drill offers the ultimate in operator flexibility, allowing access to small areas often unreachable by conventional drills.



FEATURES

- Palm size drill allows the operator to reach small areas
- Compact and lightweight design allows maximum operator control and performance
- Rear exhaust to keep airflow away from work area
- High power motor for consistent performance

MINI air tool

Part Number	Free Speed	Sound	Weight	Vibration
APT904	6,000 rpm	81 dBa	0.43 kg	1.5 m/s

TOP SAFETY TIP

Health and safety guidelines recommend fitting an Air Tool Anti-Whip Hose between the air tool and coupling to distance the tool from its air supply - thus preventing dangerous pneumatic hose whip incidents.



Find out more about Air Tool Anti-Whip Hoses on page 27

GREASE GUN

PCL's Pneumatic Grease Gun features 3-way loading with continuous feed and 360-degree handle rotation. The air powered grease gun simplifies the task of lubrication, providing superior flow control and the convenience of fully automatic operation, with pistol grip and single pulse trigger operation.



FEATURES

- 360° handle rotation
- Supplied with two nozzles: offset and flexi
- Pistol grip and single pulse trigger operated
- Angled design with die cast body and head
- Grease loads easily with standard 14 oz (400 cc) cartridge, also bulk or pump fill
- Continuous flow grease applied under a steady pressure
- Suitable for medium grease, 2,400 to 6,000 psi delivery from 60 to 150 psi feed (40:1 pressure ratio)

Part Number	Maximum Load Volume	Sound	Weight	Vibration
APT813	14 oz	72.3 dBa	1.78 kg	6.13 m/s

310 ML CARTRIDGE CAULK GUN DISPENSER

PCL's 310 ml Cartridge Caulk Gun Dispenser has independent control valves for the air and material, enabling precise individual fine control to suit the particular application in hand. The air feed ensures the material is distributed equally on the surface to be coated, ensuring optimum adhesion without air bubbles and capillaries.



FEATURES

- For 310 ml caulk cartridges
- Integrated control valves

Part Number	Maximum Inlet Pressure	Cartidge Volume	Weight
012 031 001	10 bar / 145 psi	310 ml	0.69 kg

TELESCOPIC MULTI-FUNCTION CARTRIDGE GUN

PCL's telescopic gun has separate control valves for the air and material feed, allowing precise individual fine control to suit specific applications. The telescopic cylinder for the material feed ensures the sealant and compressed air are hermetically separated. The air spray evenly distributes the material on the surface to be coated, guaranteeing optimum adhesion without air bubbles and capillaries. For materials from 310ml caulking tube cartridges.

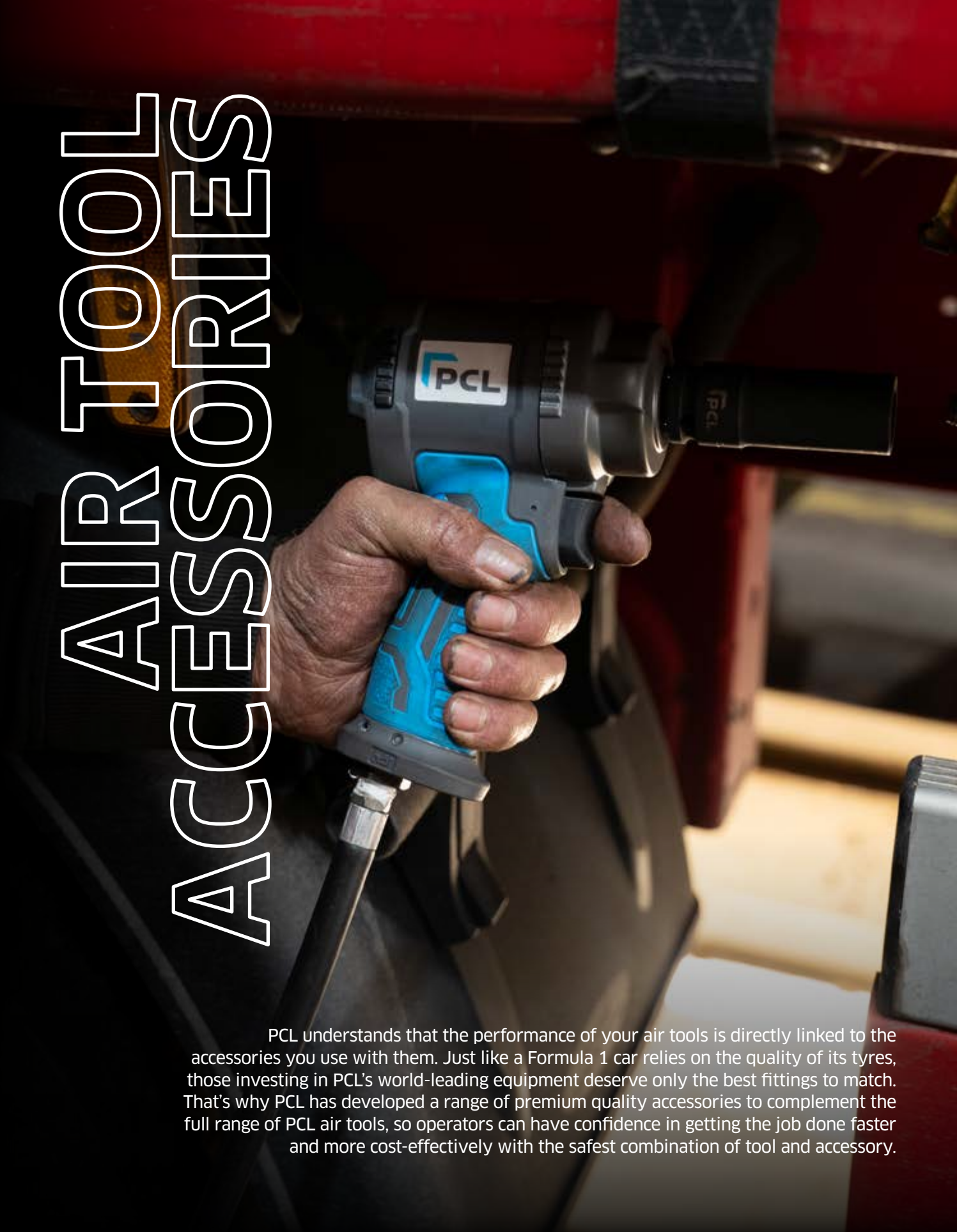


FEATURES

- For 310 ml original cartridges
- Complete gun body
- Cap nut for spray-on joint sealing
- Cap nut for standard applications
- 10 internal and external nozzles

Part Number	Maximum Inlet Pressure	Cartidge Volume	Weight
012 043 011	10 bar / 145 psi	310 ml	1.65 kg

AIR TOOL ACCESSORIES



PCL understands that the performance of your air tools is directly linked to the accessories you use with them. Just like a Formula 1 car relies on the quality of its tyres, those investing in PCL's world-leading equipment deserve only the best fittings to match. That's why PCL has developed a range of premium quality accessories to complement the full range of PCL air tools, so operators can have confidence in getting the job done faster and more cost-effectively with the safest combination of tool and accessory.

AIR TOOL ACCESSORIES

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BEST SELLER

3 PIECE 1/2" DRIVE ALLOY WHEEL IMPACT SOCKET SET

This high quality 3 Piece 1/2" Drive Alloy Wheel Impact Socket Set is made from high grade hardened chrome molybdenum steel for longer life, with sockets encased in a protective plastic sleeve to prevent damage to alloy wheels. The set includes the 3 most popular sizes of impact sockets for alloy wheel nuts.

FEATURES

- Impact rated 6 point chrome molybdenum sockets for longer life
- Features two grease rings for superior grip
- Centre hole is punched through for extra depth on the work surface
- Offers Z-Drive, contacting the flat walls of fasteners for stronger grip
- Thin wall design with chamfered openings for easier mating to fasteners
- 3 socket sizes to cover most standard wheel nut sizes



Part Number	Kit Contents
APA12	x3 Sockets - sizes included (mm): 17, 19 & 21

WHAT IS THE DIFFERENCE BETWEEN IMPACT SOCKETS AND REGULAR SOCKETS?

The wall of an impact socket is around 50% thicker than that of a regular socket, making it suitable for use with pneumatic impact tools, whereas regular sockets should only be used on hand tools. This difference is most noticeable in the corner of the socket where the wall is thinnest. It is the first place where cracks would develop due to vibrations during use.

Impact sockets are constructed with chrome molybdenum steel, a ductile material that adds additional elasticity to the socket and tends to bend or stretch rather than shatter. This also helps to avoid unusual deformation or damage to the tool's anvil. Regular sockets are usually made from chrome vanadium steel, which is structurally strong but generally more brittle, and therefore prone to breaking when exposed to shock and vibration.

Another noticeable difference is that impact sockets have a cross hole in the handle end, for use with a retaining pin and ring, or locking pin anvil. This allows the socket to remain securely attached to the impact wrench anvil, even under high stress situations.



WATCH OUR WHICH SOCKET DEMONSTRATIONS

1/2" DRIVE ALLOY WHEEL DEEP IMPACT SOCKETS

Designed to fit any 1/2" impact wrench, PCL's 1/2" Drive Alloy Wheel Impact Sockets are manufactured from high grade hardened chrome molybdenum steel for longer life, and encased in a protective plastic sleeve to prevent damage to alloy wheels.

FEATURES

- Chrome molybdenum material for longer life
- Thick walls prevent breakage
- For use with 1/2" impact wrenches
- Colour coded for quick & easy size identification

Part Number	Size (mm)
APA12/17	17
APA12/19	19
APA12/21	21



18 PIECE 1/2" DRIVE STANDARD IMPACT SOCKET SET

From 10 mm to 32 mm, this high quality 18 Piece 1/2" Drive Impact Socket Set covers everything you would require for a 1/2" drive, and comes in a professional carry case with individually labelled moulds for easy identification.



FEATURES

- Impact rated 6 point chrome molybdenum sockets for longer life
- All PCL sockets exceed ANSI specifications
- Features two grease rings for superior grip
- Centre hole is punched through for extra depth on the work surface
- Offers Z-Drive, contacting the flat walls of fasteners for stronger grip
- Thin wall design with chamfered openings for easier mating to fasteners

Part Number	Kit Contents
APA10	x1 1/2" Extension bar x17 Sockets - sizes included (mm): 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 23, 24, 27, 30 & 32

10 PIECE 1/2" DRIVE DEEP IMPACT SOCKET SET

From 10 mm to 24 mm, this high quality 10 Piece 1/2" Drive Deep Impact Socket Set covers everything you would require for a 1/2" drive, and comes in a professional carry case with individual labelled moulds for easy identification.



FEATURES

- Impact rated 6 point chrome molybdenum sockets
- All PCL sockets exceed ANSI specifications
- Features two grease rings for superior grip
- Centre hole is punched through for extra depth on the work surface
- Offers Z-Drive, contacting the flat walls of fasteners for stronger grip
- Thin wall design with chamfered openings for easier mating to fasteners

Part Number	Kit Contents
APA11	x10 Sockets - sizes included (mm): 10, 11, 12, 13, 14, 17, 19, 21, 22 & 24

WHY IT IS VITAL TO ONLY USE IMPACT SOCKETS ON AIR TOOLS

Using impact sockets helps to achieve optimal tool efficiency but most importantly, ensures safety in the workspace. They are specifically designed to withstand the vibration and shock of each impact, preventing cracks or breaks, thereby prolonging the life of the socket and avoiding damage to the tool's anvil.

Impact sockets can be used safely on a hand tool, however you should never use a regular socket on an impact wrench as this can be extremely dangerous. A regular socket is likely to shatter when used on power tools due to their thinner wall design and the material they're made from. This could be a serious safety risk for everyone using the same workspace as cracks in the socket could cause it to rupture at any time causing severe injuries.



INDIVIDUAL DEEP IMPACT SOCKETS

FEATURES

- Chrome molybdenum material for longer life
- Thick walls prevent breakage
- PCL branded with sizes printed clearly on body of socket



1/2" Drive Deep Impact Sockets

Designed to fit any 1/2" impact wrench.

Part Number	Size (mm)
APA11/12	12
APA11/13	13
APA11/15	15
APA11/17	17
APA11/19	19
APA11/21	21
APA11/22	22
APA11/24	24

3/4" Drive Deep Impact Sockets

Designed to fit any 3/4" impact wrench.

Part Number	Size (mm)
APA30/27	27
APA30/30	30
APA30/32	32
APA30/33	33

1" Drive Deep Impact Sockets

Designed to fit any 1" impact wrench.

Part Number	Size (mm)
APA40/24	24
APA40/27	27
APA40/30	30
APA40/33	33
APA40/34	34
APA40/36	36

3/4" DRIVE EXTENSION BAR

PCL's 3/4" drive extension bar is a handy addition to any workshop toolbox, allowing the user to access those hard to reach deep-set bolts.



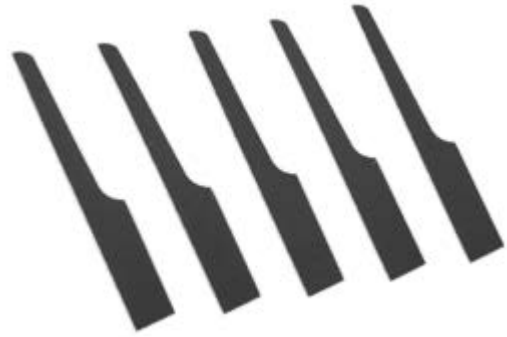
FEATURES

- For use with 3/4" drive impact wrenches
- Manufactured from high grade hardened chrome molybdenum steel for longer life

Part Number	Square Drive	Length
APA50	3/4"	6 in / 175 mm

32T BIMETALLIC SAW BLADES

This pack of 32T Bimetallic Pneumatic Reciprocating Saw Blades is suitable for use with both PCL and other brand air body saws.



FEATURES

- Excellent performance
- Universal fitment
- Fast clean cutting action

Part Number	Sise (mm)
APT32	95 x 13 x 32 Teeth

5 PIECE CHISEL SET

This 5 Piece Chisel Set is suitable for use with both PCL and other brand air hammers.



FEATURES

- Supplied in a tool roll
- Chisel shank size 401" Parker Taper
- Chrome Molybdenum forged for longer life

Part Number	Shank Size	Length	Diameter
APT20	401 in Parker Taper	175 mm	10 mm

6" / 150 MM SANDING PADS

These Backing Pads are suitable for 6"/150 mm diameter air sanders.

FEATURES

- For use with self adhesive and velcro sanding papers
- Excellent durability and balance

Part Number	Description	Diameter	Thread Size
APT90A	Self-adhesive backing pad	6 in / 150 mm	5/16"
APT90V	Velcro backing pad	6 in / 150 mm	5/16"
APA761	Velcro backing pad - Spare pad for the APP761 Sander	6 in / 150 mm	5/16"

APT90A





APA761

2" / 50 MM DEPRESSED CENTRE METAL GRINDING WHEELS

These 2"/ 50 mm Depressed Centre Metal Grinding Wheels are suitable for use with both PCL and other brand grinders.

FEATURES

- Excellent performance and life
- Quantity per pack: 5

Part Number	Diameter	Bore
APA102	2 in / 50 mm	10 mm



3" / 75 MM EXTRA THIN FLAT METAL CUTTING DISCS

Manufactured in Europe to OSA safety standards, these extra thin cutting discs have been developed for extremely fast, high precision cutting of sheet metal, with strengthened core stability for reduced vibration

FEATURES

- Suitable for use with PCL and other brand air cutting tools
- Exceptional performance and life
- Fast and precise cutting blades for stainless and mild steel, steel sheets or bars on new or rusty surfaces
- Quantity per pack: 10

Part Number	Diameter	Bore
APT75FCM	3 in / 75 mm	10 mm



SANDING BELTS

Designed for use with 10 mm belt sanders for metal fabrication, sheet-metal finishing, and general sanding applications.

FEATURES

- Ideal of the APT780 Belt Tension Sander
- 80 Grit (coarse removal)
- 100 Grit (medium finish)
- 120 Grit (fine finishing)

Part Number	Grit	Dimensions
APS755/GBT80	80	10 mm x 330 mm
APS755/GBT100	100	10 mm x 330 mm
APS755/GBT120	120	10 mm x 330 mm



3"/ 75 MM BUFFING ACCESSORY PACK

Containing two different grades of sponge pad, a lambswool pad and a spare 3" backing pad, this Buffing Accessory Pack is ideal for use with sanders.



FEATURES

- Velcro backing pad allows simple removal and attachment of buffing pads
- High grade sponge and lambswool pads for efficient buffing
- Felt backed buffing pads for easy transfer to backing pad

Part Number	Pad Diameter	Thread Size
APA92	3 in / 75 mm	M8

2" & 3" VELCRO BACKING PADS

The 2" and 3" Velcro Backing Pads are ideal for quick transfer of sanding discs and have been designed for use with PCL's Mini Sanders.



FEATURES

- Hardened composite body material
- Standard threaded end to fit the Mini Sander
- High grade velcro material

Part Number	Pad Diameter	Thread Size
APA93	2 in / 50 mm	M6
APA94	3 in / 75 mm	M6

MINI SPEED REGULATOR

PCL's Mini Speed Regulator turns a powerful sander into a precision buffing tool.
Designed to reduce the free speed of air tools with a 1/4" thread, it regulates airflow to the tool.



FEATURES

- Heavy duty steel material
- Simple operation
- Speed wheel allows simple increase or decrease of free speed
- Heavy duty steel design

Part Number	Thread Size	ThreadType
APA91	1/4"	Male

AIR TOOL OIL

PCL's premier quality ISO 22, naturally low viscosity Air Tool Oil is suitable for the lubrication of pneumatic tools, hydraulic systems, valves and equipment.



FEATURES

- Suitable for the lubrication of pneumatic tools, hydraulic systems, valves and associated equipment
- Naturally low viscosity
- Blended with inhibitors
- Formulated to ensure rapid formation of a mist for lubrication of downstream pneumatic equipment

Part Number	Description
ISO221L	1 Litre ISO 22 Air Tool Oil

DON'T FORGET
YOUR AIR TOOL ANTI-WHIP HOSE.
See page 27 for more information



THE PCL HERITAGE

PCL was founded in 1938 when the company designed and manufactured tyre pressure gauges in Sheffield. Over the 88 years since, PCL has been designing and manufacturing advanced compressed air products and tyre inflation equipment; creating innovative solutions to meet customer needs in this ever-changing world and providing support through global challenges such as the pandemic.

PCL's expertise in developing high quality products backed by first class customer service has seen PCL experience phenomenal growth, with the company joining the Advanced Flow Technologies Group (formerly HORN**GROUP**), in 2011.

Today PCL exports to over 100 countries through a worldwide network of agents and distributors, with manufacturing facilities in England, Germany, USA, India and China; whilst remaining firmly committed to its roots, operating from its state-of-the-art production facility and HQ in Sheffield.

The trusted "Made in Sheffield" PCL brand has become synonymous with superior products, superb aftersales care and local technical support, wherever its customers are based.

PCL has recently reinforced its roots and commitment to UK manufacturing with a £0.5 million investment into a restructure of its Sheffield factory. This includes the purchase of more equipment and machinery to increase capacity and shift to manufacturing more components in-house.

PCL is proud to be one of the best examples of a manufacturing company in Sheffield and Yorkshire, with customer needs a priority in all areas of its operations.

We continue to work in close partnership with our customers and suppliers to help their businesses grow alongside ours.

MAKE uk The Manufacturers' Organisation · TyreSafe · bsi. · MADE IN SHEFFIELD · bcas · NTDA



PCL's global network of distributors provides customers with first-class local service







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