

PNEUMATIC VALVES | PNEUMATIC ACTUATORS | CONNECTION & TUBING | AIR PREPARATION | VACUUM

# PNEUMATIC SOLUTIONS AUSTRALIA

## PRODUCT OVERVIEW





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PNEUMATIC VALVES | PNEUMATIC ACTUATORS | CONNECTION & TUBING | AIR PREPARATION | VACUUM



## The industry Leader for innovative pneumatic solutions.

Pneumatic Solutions Australia is widely recognised as a leading supplier of pneumatic equipment nationwide. For over a decade, we have specialised in supplying only the best pneumatic systems and pneumatic products, helping our clients to improve productivity and profitability with their industrial applications.

As an authorised Australian distributor for MAC Valves and PHD and other high quality complementary products, we supply leading pneumatic technologies to clients nationwide. Our brands include Bimba, Legris, Bonesi, Mindman, Piab and Vi-Cas.

Unlike other Australian pneumatic suppliers, our product range is not limited to a particular brand. This means we can supply the best combinations of pneumatic equipment, tailored to suit your application.

Contact us today to discuss how our range of pneumatic technologies can improve your business output and efficiency.

## Proud to be a partner of the MAC Distributor Network!



MDN is a customer focused network of global manufacturers and distributors providing worldwide sales and exceptional service.

MDN is dedicated to working closely together with common goals and philosophies to support customers' needs. With partners located worldwide, we are equipped to provide you a wide variety of value added support and ongoing assistance.

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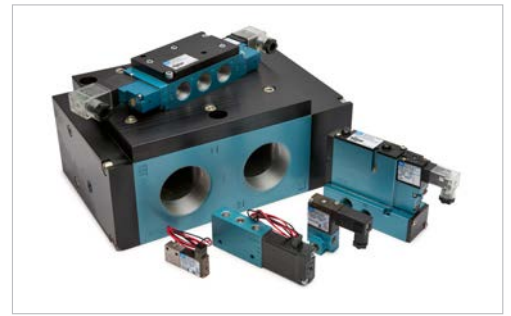
# PNEUMATIC VALVES

We supply the very best pneumatic valve products that are on the market. From direct and pilot operated valves to remote air and manually operated valves, our diverse range will have the right pneumatic valve for your systems.

Fast response times, high flow, balance and reliability are inherent benefits of MAC's pneumatic product design. MAC pneumatic valves have been proven to optimise cycle time and improve reliability in the harsh operating conditions associated with industry.

MAC valves create better performance and reliability through a number of unique design features:

- Balanced design - Unaffected by fluctuations in air pressure.
- Wiping action - Virtually unaffected by typically contaminated air.
- Minimal friction - Minimises resistance to shifting forces.
- High shifting forces - Positive shifting.



## Direct Solenoid and Pilot Operated Valves

We offer a range of direct acting and solenoid pilot operated, patented balanced poppet or spool design suitable for vacuum and pressures up to 10 Bar. MAC valves have port sizes M5 - 2½" BSP and flow rates to 65,000 L/min.

### Small 3 Way Valves (Cv .06 - 1.2)

Direct operated balanced poppet valves utilising a push-type solenoid acting on a balanced poppet.

### Large 3 Way Valves (Cv 1.5 - 60)

Solenoid operated, balanced poppet designed pilot, utilising a balanced spool on the main body.

### Small 4 Way Valves (Cv .03 - 1.2)

Direct operated balanced poppet valves utilising a push-type solenoid acting on a balanced poppet.

### Large 4 Way Valves (Cv 1.2 - 15.9)

Solenoid operated, balanced poppet designed pilot, utilising a balanced spool on the main body.



3 WAY VALVES			
SMALL		LARGE	
Series	Flow Cv	Series	Flow Cv
31	0.06	52	1.5
32	0.40	53	2.0
33	0.08	54	4.1
34	0.12	55	2.2
35	0.17	56	5.7
35L	0.17	57	17.4
36	0.30	58	26.0
72	0.40	59	60.0
37	0.50	67	20.0
38	1.20	68	31.0
77	1.00	69	60.0
100	0.18		
200	0.50		
1100	0.18		
BV	0.07		

4 WAY VALVES			
SMALL		LARGE	
Series	Flow Cv	Series	Flow Cv
23	0.23	82	1.3
24	0.4	83	1.5
27	1.0	92	1.2
41	0.03	93	3.8
42	0.4	800	1.4
43	0.07	1300	15.90
44	0.1	1800	1.4
45	0.15	2700	15.6
46	0.3	6300	3.0
47	0.5	6500	5.1
48	1.1	6600	9.6
400	1.0		
700	0.7		
900	1.2		



# The Bullet Valve

Yet another evolution in air valve technology from MAC Valves!

MAC Valves is a global leader in air valve solutions. Speed and repeatability are inherent benefits of MAC's product design.

Thanks to these characteristics, MAC valves have been proven to optimize cycle time and significantly improve consistency across a vast range of applications.

The threaded cartridge configuration of the Bullet Valve allows for a variety of mounting possibilities, such as direct integration into pneumatic actuators or vacuum generators without the need of external tubing or fasteners. 2-Way and 3-Way models of the BV cartridge (9mm, 10mm and 14mm diameters) are available.



CARTRIDGE STYLE 'BULLET' VALVES						
Series	BV209A	BV309A	BV210A	BV310A	BV214A	BV314A
Flow Cv	0.07	0.06	0.08	0.09	0.24	0.24

# Acetal P48P 'Plastic Valve'

We are pleased to announce the availability of the P48P Valve or better known as the 'Plastic Valve'. The plastic body of the P48P is made from Delrin, a durable material with corrosive resistant characteristics protecting the valve from the rigors of the wash-down environment. A major advantage for customers in the food and dairy industries is that this eliminates the necessity for expensive stainless steel cabinets and in turn allows the valves to be installed closer to the actuator which helps to reduce the cost of a machine as well as increase the response time of an actuator.



# Nickel-Plated Brass Bodied Valves

MAC Valves offer a range of nickel-plated brass bodied valves that are designed for excellent resistance to aggressive and corrosive environments and fluids and withstand the rigors of caustic "washdown" solutions. All components are Food & Drug Administration approved for use in food process applications.



# Remote Air Operated Valves

A remote air operator for an air valve which includes a manual override and indicator capabilities. The remote air operator includes a piston having an overtravel push pin which is adapted to be operated by an air pressure signal from a remote location.

The push pin is adapted to directly engage the end of a valve spool and move the same from a first position to a second position. The push pin is slidably mounted in a remote control piston operated by the air pressure signal, and it is normally biased to an operative position by an overtravel spring.



# ISO Valves

Mac ISO Valves are built to the 5599/1 and 5599/2 standard. The valves are the highest flowing ISO in the industry.

ISO – SOLENOID OPERATED VALVES					
Series	ISO 01	ISO 02	ISO 1	ISO 2	ISO 3
Flow Cv	0.01	0.43	1.8	3.0	6.1
Port Size	1/8"	1/4"-3/8"	3/8"-1/2"	1/2"-3/4"	6.1

## Proportional Pressure Controllers

Pneumatic Solutions Australia offers either Stand Alone or Multi-Pressure Pak controllers.

These innovative products convert an electrical command signal into a proportional pneumatic output and are available in analogue or digital versions with an overall accuracy range of  $\pm 0.5\%$  to  $\pm 2.5\%$  of full scale.

The broad range is heavy duty, vibration resistant, has high flow and is unmatched for performance and responsiveness. Also available are Proportional Quick Exhaust and Pressure Control Systems.

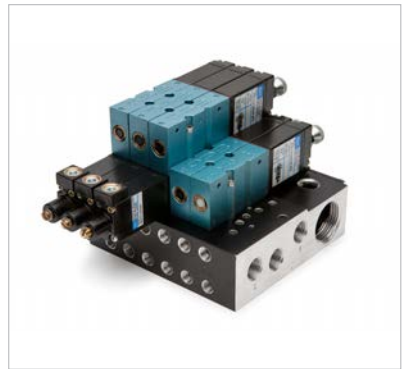


PROPORTIONAL PRESSURE CONTROLLER – SOLENOID OPERATED VALVES

Series	PPCB10A	PPC5C	PPC34B	LCP35A	PPC036A	PPC36B	PPC47A	PPC400	PPC92B	PPC93A
Flow Cv	0.05	0.07	0.07	0.1	0.25	0.25	0.72	1.3	2.0	6.2
Port Size	1/8"-5/32"	1/8"	1/8"	1/8"	1/8"-1/4"	1/8"-1/4"	1/4"	1/4"	3/8"	1/2"-3/4"

## Circuit Bar

Circuit Bar is an extruded block of aluminium with pneumatic circuits machined right in the bar. The design of these circuits can be very simple or complex depending upon the requirements of the application. Circuit Bar is a means by which individual components (i.e. valves, regulators and flow controls) comprising a circuit, can be combined into one extruded Circuit Bar. The Circuit Bar will eliminate extra piping and fittings, as well as saving space and money.



## MAConnect

The MAConnect system virtually eliminates base lead wires which need to be pulled through a conduit wire-way and terminated in a junction box. With the MAConnect system, thin internal wiring has been replaced through utilisation of a circuit board with a multi pin connector located inside each valve's conduit area. The multi pin circuit board plugs into the circuit board of the valve adjacent to it and ultimately into a multi pin connector or serial adapter block located on the end of the manifold assembly.



## Serial Interface Solutions

A variety of MAC valve products are used in the industry for communication electronics. Pneumatic Solutions Australia offers field bus and serial interface solutions with both input and output capability and suitable for use with a variety of protocols.

## Process Valves

We offer a wide range of process valves including butterfly and ball valves manufactured to international standards in a variety of materials suitable for a diverse range of applications and are available with both pneumatic and electric actuators.



### Axial Valves

Legris axial valves are designed to open and close fluid power circuits at a distance by a pneumatic and/or electric control. Compared with a traditional actuator, Legris axial valves are more compact, requiring up to 50 % less space.

### Actuated Butterfly Valves

Our range of butterfly valves will fit all standard flanges and are operated by a high quality spring return (rack and pinion design) anodised aluminium pneumatic actuator. This enables a fail safe position if air should be lost. The unique bonded cartridge design of the butterfly valves gives them a longer life span, allows vacuum to be run through them and enables seals to be replaceable if ever the need should arise.



# Manual and Mechanical Valves

We stock a large selection of mechanical and manual valves including levers, pushbuttons, toggle levers, selector switches and foot pedals.

## Lever Valves

Lever valves can be used to manually switch air supplies on equipment or operate cylinders and other devices. Valves can be panel mounted or fastened to a surface via body mounting holes. Handles have a contemporary black molded grip and require 15N of force to operate. Valves are available in spring return, pneumatic return and maintained position versions.

## Selector Switch & Pushbutton Valves

Mushroom, flush and shrouded head pushbuttons. Mushroom heads provide easy palm operation. Flush and shroud head pushbuttons are used to prevent accidental operation or to provide flat panel appearance. Direct acting or air pilot assisted for low force operation. Selector switches maintain valve position and are available in either 3/2 or 5/2 functions. Long and short handled versions available.

## Foot Pedal Valves

Foot pedal valves can be used to operate devices which hold work pieces in place on bench workstations or perform punching or drilling operations on production pieces. Housing shields pedal preventing accidental operation. Enclosure is constructed of polycarbonate.

## Toggle Valves

Toggle lever valves can be used to manually switch air supplies on equipment and can be panel mounted.

## Industrial Ball Valves

Standard, mini and needle valves, provide a reliable means of opening and closing fluid systems.

### Stainless Steel Ball Valves

Legris stainless steel ball valves are suitable for aggressive fluids and corrosive environments. They provide excellent resistance to pressure (up to 64 bar nominal) and temperature up to 150° C.

### Brass Ball Valves

Legris low and medium pressure brass ball valves come in four different models: in-line, 3 way, lockable or venting.

### Needle Valves

Legris needle valves precisely control flow in a fluid power circuit. In-line and right angle designs are available

### Mini Ball Valves

Legris mini-ball valves enable in-line opening and closing of a pneumatic circuit. Compact and light weight, they are suited to all types of installation.

## Cam Roller Valves

Mechanically operated valves apply forces by using cams, wheels and rollers. Cam roller models are operated with a cam that shifts the spool. To fully shift the valve, the cam is pushed toward the valve. Normally the cam is contacted by a mechanical ramp to cause the shifting of the valve.



# PNEUMATIC ACTUATORS

At Pneumatic Solutions Australia we offer a full line of actuation components from linear actuators (cylinders, escapements, slides) to rotary actuators, grippers and clamps, designed for the motion you require.

With millions of possible variations, be sure to speak with our technical experts to create the ideal pneumatic control system for increasing productivity and reliability in your operation.

## Cylinders

Whether it's an off-the-shelf unit or a custom assembly, we can get you cylinders that are easy-to-use, reliable and ready for your engineering challenges.

### ISO Cylinders

Available in numerous bore sizes and stroke lengths, our standard pneumatic cylinders are interchangeable in applications using the ISO 6431 standard anywhere in the world. Standard options are available that provide application specific air cylinder selection. Customized ISO 6431 cylinders with internal position feedback capabilities are also available.

### Micro Cylinders

Our range of micro cylinders are designed to be easily interchangeable throughout the world. Standard features including pre-lubrication, stainless steel rod and internal bumpers all provide added value and performance to meet your application needs. Available in imperial and metric sizes.

### Rodless Cylinders

Rodless cylinders feature magnets on the carriage and piston that form a strong bond that holds together. When the cylinder is actuated, the piston and carriage move back and forth as one unit. Common application uses for this cylinder include transferring product, feeding, opening doors, cutting and more.

### Compact Cylinders

Space saving cylinders for use in applications with limited area. These compact and repairable cylinders offer unequalled design, versatility and reliable performance with many mounting and application specific options; easily customisable to meet your application needs.

### Fixings & Accessories

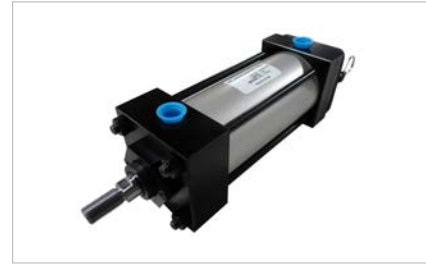
We stock a comprehensive range of accessories including switches, fittings, brackets, nuts, shock absorbers and seal kits to suit all of our pneumatic cylinders.





## NFPA Heavy Duty Cylinders

TRD's TA series cylinders offer a high quality, heavy duty construction in an NFPA tie rod style interchangeable design. These cylinders have a self alignment feature, which is a rod bushing designed to float 0.002", improving bearing surface alignment. It also reduces breakaway and running friction, which improves overall actuation responsiveness.



## Position Feedback Cylinders

The PFC provides continuous position sensing in a lightweight, small bore air cylinder. It can be used for measuring and gauging, positioning, and "on-the-fly" applications. It is available with or without a rod lock. Combine the PFC with the Bimba Pneumatic Control System (PCS), Digital Panel Meter (DPM), or the Electronic Controller to maximize performance.



## Slides

Powered slides include cantilever and saddle types operated using air or electric power sources. PHD offers over ten different series of slides designed to handle loads ranging from a few ounces up to 300 pounds. Product information available upon request.



## Escapements

For applications requiring the individual release of parts from vibratory feeders, hoppers, or magazines, pneumatically powered escapements are ideal. Models are available with switches for easy interface with various electronic controls. Product information available on request.



## Grippers

Grippers can be used for internal and external gripping and come in a variety of jaw styles to adapt to any application. Grippers range from miniature series to heavy-duty series capable of more than 1600 pounds of grip force. Product information available on request.



## Clamps

Clamps offer very low cost of ownership, exceptional flexibility and are unsurpassed in ruggedness. Units are offered in two sizes, four jaw styles and five jaw opening increments to fit a wide range of applications. A wide selection of modular jaw tips are also offered. Product information available on request.



## Rotary Actuators

Our pneumatic and hydraulic rack-and-pinion rotary actuators are available in miniature series as well as larger series for applications requiring up to 31,000 in-LB of torque. Product information available on request.

# CONNECTION & TUBING

No pneumatic system is complete without fittings and tubing. From hose and quick connectors to a range of accessories including clamps and brackets, we offer a range of innovative and industry specific products that will ensure your pneumatic application works well and as required.

## Pneumatic Instant Fittings

Push-in fittings allow rapid, reliable assembly of circuits to convey compressed air, various gases, or liquids at a wide range of pressures and temperatures. Rapid connection and disconnection between fittings and tubes can be done by hand, eliminating the need for tools.

### LF3000 Polymer HR for Compressed Air

The LF 3000 range of durable plastic fittings is ideal for pneumatic installations, modern design and compact. Vacuum capability (28" Hg), working pressure up to 20 bar, working temperature from -20°C to +80°C, for use with all types of calibrated plastic tubing.

### LF3600 Nickel-Plated Brass for Liquids and Gases

The LF 3600 range, in nickel plated brass, is designed to convey fluids in moderately aggressive environments or for food applications. The nickel plated brass components and FKM seals conform to stringent FDA requirements and to the 1935/2004/EC regulation. Vacuum capability, working pressure up to 30 bar, working temperature from -20° to +150°C, for use with all types of calibrated tubing.

### LF3900 & LF3800 Stainless Steel for Aggressive Fluids

The LF 3900 and LF 3800 ranges, with an all stainless steel construction, are designed to convey fluids in aggressive environments for numerous applications: food industry, chemicals, medical. Body and sub-bases in AISI 316L, FKM seals.

## Pneumatic Function Fittings

Function fittings allow you to exert even greater control over your pneumatic installation. Compact, reliable and easy to install, these fittings can be used in various applications including: food and beverage manufacturing, automotive manufacturing, printing and textile industries.

### Flow Control Regulators

Compact, precise and reliable, Legris flow regulators provide a consistent means of regulating air flow in standard pneumatic applications. The wide range of shapes, types of adjustment, and their compact size ensure a perfect fit to your needs.

### Piloted Function Fittings

Compact, flexible and reliable, the Legris piloted function fittings - blocking fittings, piloted non-return valves, quick exhaust valves - enable you to enhance efficiency and security of your pneumatic installations.

### Shut-Off Fittings

Legris pressure reducer fittings save energy by optimising the pressure required by cylinders in your application. Legris soft start fittings allow air pressure to gradually increase, preventing injury to users or components.

### Pressure Reducer Fittings

Legris pressure reducer fittings save energy by optimising the pressure required by cylinders in your application. Legris soft start fittings allow air pressure to gradually increase, preventing injury to users or components.



## Quick Acting Couplers

Couplers allow reliable and quick connection and disconnection. Our wide range of styles and sizes will allow you to choose the appropriate solution for your application.



## Compression Fittings

### Brass Compression Fittings

Legris brass compression fittings are compact and easy to assemble, provide excellent sealing qualities, and are suitable for use with various types of tubing. Excellent pressure (up to 14 bar nominal, 36 bar max) and temperature (-75°C to +120°C) performance.

### Stainless Steel Compression Fittings

Legris AISI 316L stainless steel compression fittings are designed for use with corrosive fluids or in aggressive environments, such as chemical manufacturing or food and beverage processing. Compact and highly chemical resistant, these compression fittings are suitable for use with both plastic and metal tubing.



## Technical Tube & Hose

We offer a wide range of tubing and hose to meet your application's requirements. The types of tubing and hose offered by Legris include: nylon, polyurethane, anti-spark, flouropolymer, polyethylene, self-fastening and PVC.

### Flexible Polyurethane Tube

When a small bend radius is required for your application, Legris flexible polyurethane tubing is the answer. This tubing resists abrasion and comes in polyester (chemical resistance) and polyether (humidity resistance) materials. Legris flexible polyurethane is available in recoil, twin and anti-spark varieties.



### Semi-Rigid Nylon Tube

Legris semi-rigid nylon tubing is manufactured to very close tolerances, to provide consistently high quality over wide temperature and pressure ranges. Our semi-rigid nylon tubing is available in a number of different colours, sizes and lengths to meet your requirements.



## Reticulated Air Pipe

The compressed air reticulation is the 'other half' of a successful and efficient compressed air set up, and a poorly designed layout can result in air pressure loss, contamination and excessive energy bills, as the air compressor works on overload to compensate for these inefficiencies.

### Push-In Fittings

The piping utilises lightweight and strong nylon push-lock style fittings, which can be disassembled and reused at any point down the track. This means the system can be very simply extended, altered, or completely dismantled as is so often the need with changing compressed air requirements.



## Safety Blowguns

Thanks to their innovative design, Legris universal safety blowguns ensure the safety of the operator and machines at all times. Active and total safety for the user. Low noise level. Light weight.

# AIR PREPARATION

Pneumatic Solutions Australia offers a diverse range of brands that will prepare compressed air for drying, filtration, pressure and flow control and safety.

## Air Service Units

To ensure that your pneumatic tools and pneumatic systems are maintained and in optimum running order, filters, lubricators and regulators are essential tools of the trade.

### Filtration

Our filtration systems eliminate dust and coagulation from compressed air. Available in both standard and mini-series with a high quality bowl design for long service life. Drain: manual as a standard, semi-automatic as an option. Filter element: 5 micron as a standard, 40 micron as an option.

### Lubrication

Fog style lubrication will extend the life of equipment. Benefit from the easy adjustment of oil delivery volume and being able to refuel oil without stopping the air line.

### Regulation

Regulators allow for easy adjustment of air pressure and can be installed in any position for 0.1% accuracy of pressure control. Technology: Piston type regulation.



## Noise Control

Air diffusion positively prevents troublesome air flow and dangerous after-blasts. Mufflers and silencers are used in a wide range of industrial applications where efficiency, dependability and performance are critical.

### Mufflers

Designed to take explosive air exhaust noise discharged from valve exhaust ports and muffle it with optimized Constant Velocity (CV) flow factor. In addition to having superior sound silencing properties, these are also valuable air diffusers that are unsurpassed in the muffler field.



### Silencers

Silencers help to reduce the ambient noise in a manufacturing environment by controlling the compressed air exhausted from pneumatic and control valves.



## Piston Compressors

Our range of piston compressors are the perfect for small manufacturing facilities, body shops, and other light industrial applications. We offer multiple models to fit your specific application.

## Air Dryers

Compressed air dryers are used in applications where water is affecting manufacturing operations. These are installed in your piping after the air compressors. Depending on the quality of air required, a refrigerated or desiccant type dryer may be required.

Rotary screw compressors for large manufacturing facilities and other applications that have high flow requirements are also available.





# VACUUM

At Pneumatic Solutions Australia, we are proud to supply the Piab and Vi-Cas brands, world leaders in efficient air driven products.

## Suction Cups

Using suction cups is a lifting technique of many possibilities. You can, for example, handle board materials or concrete slabs, open bags, pick electronic components, label and hold objects. But different applications need different requirements. We offer one of the market's widest ranges of suction cups so that each application will have its own solution.



## Vacuum Pumps

Our range of vacuum pumps has been developed to provide extra vacuum flow in combination with deep maximum vacuum levels while keeping energy consumption at a minimum. These pumps have no moving parts that vibrate or wear out – important features that contribute heavily to outstanding operational reliability and a pleasant, noise-free working environment.



## Integrated Vacuum Grippers

A product design where high quality suction cups are integrated with vacuum cartridges. The vacuum gripper makes selection, sizing and installation of a vacuum system easier. With an integrated vacuum gripper you will enjoy the benefits of a more cost-efficient and reliable vacuum system.



## Custom Assembly Solutions

In addition to supplying the leading pneumatic equipment brands in Australia, Pneumatic Solutions Australia also provide custom assembly solutions ensuring that your pneumatic processes operate seamlessly, reliably and to optimum efficiency. We can design, manually assemble, pre-test and install your complete pneumatic solution ensuring a trouble free installation and specialist system designed specifically to suit your operational and productivity requirements.

Reduce your labour and production costs by having our experts create the most reliable and effective pneumatic system for your business.

Our technical team examines your machine to determine the best product fit. Remembering that profit leaks are often due to unsuitable products, we will provide a comprehensive review of all aspects of your machinery. There are many benefits to custom assembly including:

- A trouble free installation.
- Specialist system customized to suit your needs.
- Reduced labour and production costs.
- A more reliable and effective pneumatic system.



## Customer Profit Reinforcement

Unlock the hidden profitability in your business. Reduce downtime, lost profit opportunities and improve efficiencies with Customer Profit Reinforcement.

Using the trademarked CPR® process, our skilled team of pneumatic experts can help you to identify savings and profit opportunities by comparing your current situation with our proposed solution. We enter your data into our custom build web application so that we can illustrate the best and most logical path your company can take to maximise profits.

Here's how we do it:

**Component Level + Process Level + Measurability = Quantifiable Savings**

### Component Level

Our technical team examines your machine to determine the best product fit. Remembering that profit leaks are often due to unsuitable products, we will provide a comprehensive review of all aspects of your machinery.

### Process Level

The technical team will document every aspect of your process to re-configure where necessary.

### Measurability

Using the CPR® system, we will compare the before and after results to illustrate your profit opportunities.

The CPR® system is proven. In 2010 and 2011 alone, over \$152 million in savings has been proposed through the MAC Distributor Network to corporations of all sizes using this system.

**Improve your bottom line today** - speak with our customer service team to obtain your free CPR® evaluation.

# Industry Specific Solutions

Widely recognised as a leading supplier of pneumatic equipment in Australia, the range of pneumatic and automation products at Pneumatic Solutions Australia is used by all types of manufacturing industries, including Transportation, Filling, Food and Beverage, Packaging, Plastics, Glass, Sorting and Timber, improving productivity and profitability with their industrial applications.



## Food & Beverage

Pneumatic Solutions Australia provides a range of automation and pneumatic products designed specifically for the food and beverage industry. Processes such as conveying ingredients into mixers and filling machines, compacting, aerating, drying, handling plastic bags during filling operations and intense cleaning all require reliable and accurate pneumatic systems.



## Timber

Pneumatic solutions are prominent within the timber industry where automation and pneumatics are used through the different processing stages. The timber industry presents a number of unique and challenging conditions including a high proportion of dust and variable temperatures. Automation systems need to be tailored to suit these conditions and to provide consistent, reliable, low maintenance and safe systems.



## Transportation

From road to rail, at Pneumatic Solutions Australia, we provide a range of automation products and systems to improve your heavy transport processes. Leaders in the industry have long been taking advantage of the benefits of pneumatic technology. From improved comfort, reduced transport time, increased safety and durability in extreme environments, we have a solution that will save you time and money.



## Plastics & Packaging

We understand that in the plastic and packaging industries, efficiency, safety and productivity are paramount. We offer a full line of components including cylinders, grippers, slides, rotary actuators and clamps that will ensure your operations run effectively and as required. From product to pallet, we offer a range of solutions to make your plant and its production lines more efficient.



## Sorting

Our range of pneumatic and automated sorting components are designed to ensure your system works to the highest levels of accuracy and functionality. From automatic sorting systems to dust control, ventilation to monitoring systems, Pneumatic Solutions Australia can recommend the best products to improve response time and accuracy.



## Glass

We offer a range of pneumatic systems tailor made to suit the demanding applications of the glass manufacturing industry. Improve production, gain larger yields, extend the longevity of your equipment, increase accuracy and explore cooling applications for high temperatures.

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To keep up to date with product development and the latest PSA news sign up to our newsletter.

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