

# Products & Services Guide

YOUR VACUUM AND PNEUMATIC SPECIALISTS SINCE 1987



# WELCOME TO THE PNEUMATIC PRODUCTS' PRODUCTS & SERVICES GUIDE

Our products and services guide contains an overview of our pneumatic and vacuum product range. Our goal is to provide you with the best products, intelligent solutions and exceptional service to help your business improve efficiency, productivity and ultimately its profitability.

For more information on a product or service please call 1300 4 PNEUMATICS or visit our website at [www.pneumatics.com.au](http://www.pneumatics.com.au)

We look forward to working with you.

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## ABOUT PNEUMATIC PRODUCTS

Pneumatic Products is a full-service distributor of innovative industry-leading pneumatic and vacuum products across Australia. With over four decades of experience in pneumatic and industrial vacuum applications, our team offers exceptional customer experience and intelligent pneumatic solutions for your business at competitive industry prices.

As a reputable distributor, we've fostered partnerships with leading manufacturers from around the world including Bimba, Bonesi, CKD, EMC, EXAIR, IZMAC, JOULIN, Lanamatic, ODE, PIAB, PISCO, Tanhay, Tolomatic and TRD. With access to so many esteemed brands, we can deliver a pneumatic combination tailored to suit your application and work with you from design to delivery.



# AIR CYLINDERS AND ACTUATORS

## Pneumatic Linear Actuators



*BIMBA Original Line*



*ISO 6431*



*ISO 6432*



*ISO 15552*

## Compact



*BIMBA Imperial*



*BIMBA Metric*



*CKD*



*UNITOP*

## Heavy Duty



*Metric CKD*



*NFPA (Imperial) TRD*

## Rodless



*BIMBA Magnetically Coupled*



*Cable Cylinders*



*CKD Band Type*



*CKD Magnetically Coupled*



*Lanamatic  
Band Type*



*Tolomatic  
Band Type*



*Tolomatic  
Magnetically Coupled*

**Guided Cylinders**



*BIMBA*



*CKD*



*ISO*



*Tolomatic*

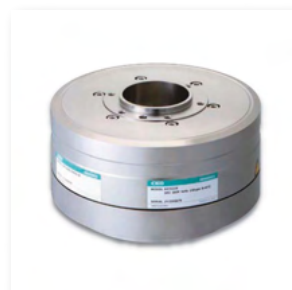
**Pneumatic Rotary Actuators**



*BIMBA*



*CKD*



*CKD Absodex*

**Electric Rotary Actuators**

**Electric Linear Actuators**



*CKD*



*Tolomatic*



*CKD Multi-Axis  
Combination*

**AIR CYLINDERS + ACTUATORS**

## AIR BRAKES AND CLUTCHES

### Tolomatic Caliper Brakes



*Tolomatic Discs, Hubs and Accessories*



*Tolomatic Hydraulic/Mechanical Brakes*



*Tolomatic Hydraulically Operated Brakes*



*Tolomatic Mechanical Brakes*



*Tolomatic Pneumatically Operated Brakes*



*Tolomatic Spring Applied Brakes*

### Tolomatic Cone Clutches



*Tolomatic Cone Clutches*

### Tolomatic Industrial Gear Boxes



*Tolomatic Float-A-Shaft Gear Boxes*



*Tolomatic Slide-Rite Gear Boxes*

## AIR OPTIMISING

### EXAIR Air Optimising



*EXAIR Digital Flow Meter*



*EXAIR Digital Sound Level Meter*



*EXAIR EFC Electronic Flow Control*



*EXAIR Static Eliminators*



*EXAIR Ultrasonic Leak Detector*

### EXAIR Other



*EXAIR Accessories*



*EXAIR Air Amplifiers*



*EXAIR Air Atomising Spray Nozzles*



*EXAIR Air Knives*



*EXAIR Air Nozzles & Jets*



*EXAIR Cabinet Coolers*



*EXAIR Drum Vacs*



*EXAIR Line Vacs - Conveying*



*EXAIR Safety Air Guns*



*EXAIR Spot Coolers*

## AIR PREPARATION



*Air Booster*



*Auto Drains*



*Exhaust Cleaners*

## CKD Air Dryers



*Dessicant*



*High Polymer Membrane*



*Refrigerated*

## CKD Filters, Regulators, Lubricators



*Combination Units*



*Filter/Regulator  
(Combined)*



*Lubricators*



*Modular Pressure  
Switches*



## Accessories



*Shut-off & Slow Start Valves*



*Gauges*



*Mounting Brackets*

## Filters



*Oil Mist Removal*



*Standard Filters*



*Anti-bacterial Filters*



*Main Line Filters*

## Pressure Regulators



*Electro-Pneumatic*



*Precision*



*Reverse Flow*



*Standard Pressure Regulators*

## CKD Nitrogen Gas Extraction Units



*CKD Nitrogen Gas Extraction Units*

## FITTINGS, TUBING AND ACCESSORIES

### PISCO Fittings



*Brass Push-in Fittings*



*Mini Push-in Fittings*



*Rotary Joint*



*Standard Push-in Fittings*



*Stop/Blocking Fitting*



*High Speed Rotary Joint*

### Special Environment Fittings



*304 S/S Push-in Fittings*



*316 S/S Push-in Fittings*



*Anti-spatter Fittings*



*Anti-static Fittings*



*Chemical Push-in Fittings*



*Die Temperature Control Fitting*

## PISCO Function Fittings



*Hand Valve*



*In-line Pressure Gauge*



*Non-return*



*Pressure Control*

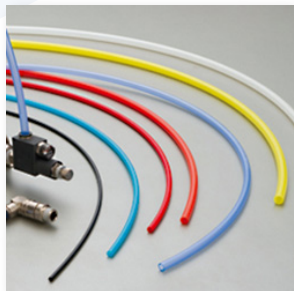


*Speed/Flow Control*



*Two - Stage Speed Controller*

## PISCO Tubing



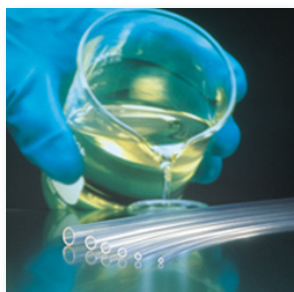
*Nylon Tubing*



*Polyurethane Tubing*



*Re-coil Polyurethane Tubing*



*Thermo Plastic Tubing*



*Tube Cutter*

## GENERAL PURPOSE VALVES

### ODE



*ODE Angle Seat Valves  
(316 Stainless Steel)*



*ODE General Purpose -  
Brass*



*ODE General Purpose -  
Stainless Steel*



*ODE General Purpose -  
Technopolymer*



*ODE Timers*

### CKD



*CKD: AB, AG, AP11,  
AP12, APK11*

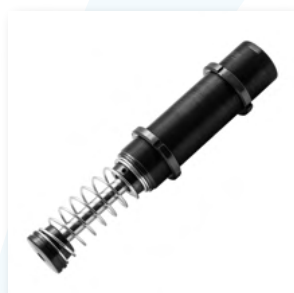


*CKD: SAB, SVB, NAB*



*CKD Chemical Valves*

## INDUSTRIAL SHOCK ABSORBERS



*IZMAC Range*

## MECHANICAL GRIPPERS

### Grippers



CKD Angular Grippers



CKD Centering Grippers



CKD Heavy Duty Parallel Grippers



CKD Collaborative Robot Grippers

### Chucks



CKD High Force Grippers



CKD Pneumatic Chucks & Chucks

## PNEUMATIC VALVES



CKD Dust Collector Valves



CKD Heavy Duty Lever Valves



CKD Mechanical Manual Valves

### CKD Air Pilot Operated

#### 3 Port



3 Port Large (3/8" - 2")



3 Port Small (1/8" - 1/4")

## 5 Port



5 Port Large (1/4" - 1")



5 Port Medium (1/8" - 3/8")



5 Port Small (1/8" - 1/4")

## CKD Solenoid Valves

### 3 Port



3 Port Large (3/8" - 2")



3 Port Small (1/8" - 1/4")

### 5 Port



5 Port ISO 1/2



5 Port Large (1/4" - 1")



5 Port Medium (1/8" - 3/8")



5 Port Small (1/8" - 1/4")

## CKD Miscellaneous Valves



Blocking/Safety Valves



CKD Vacuum Valves



Non-Return Valves



*Quick Exhaust Valves*



*Shuttle Valves*

## CKD Electronic Valves and Sensors



*Electronic Flow Controller*



*Electronic Flow Sensors*



*Electronic Pressure Switches & Sensors*

## VACUUM CONVEYORS FOR POWDER AND BULK

### PIAB



*Feed Stations*



*Feed Adaptors*



*Feed Nozzles*



*Pipe Fittings*



*Injection Units*

## piFLOW



*piFLOWf (Food Grade)*



*piFLOWi (Industrial)*



*piFLOWp (Premium Grade)*

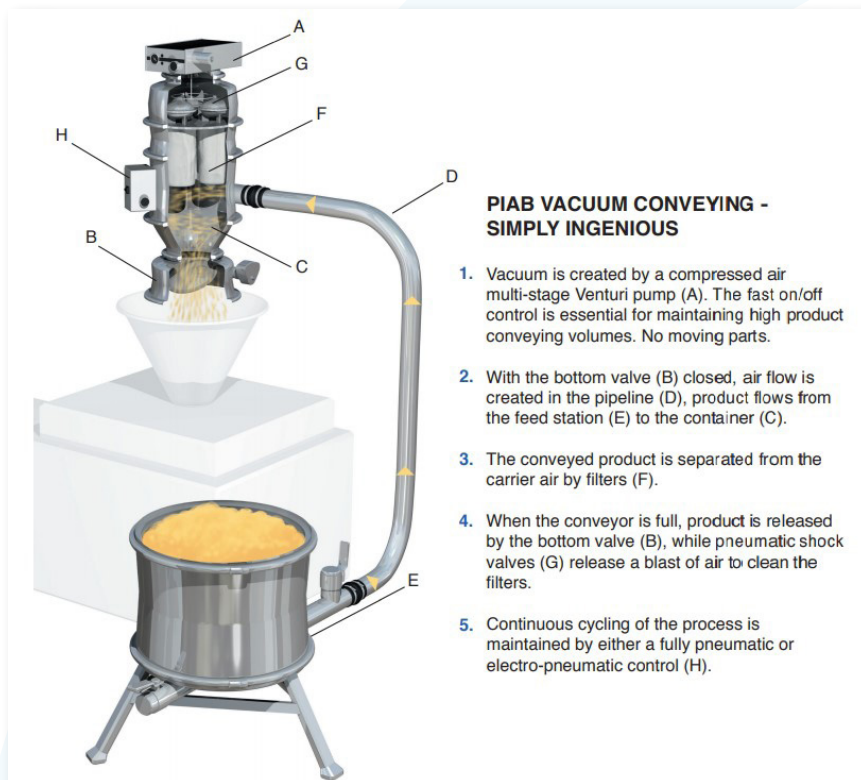


*piFLOWt (Tablet Conveying)*



*piFlow pSmart Adaptive Conveying System*

## Principles of PIAB Vacuum Conveying





## JOULIN Applications



Aerosols



Bags



Bricks



Cartons



Glass Jars



Paint Pails



Rolls

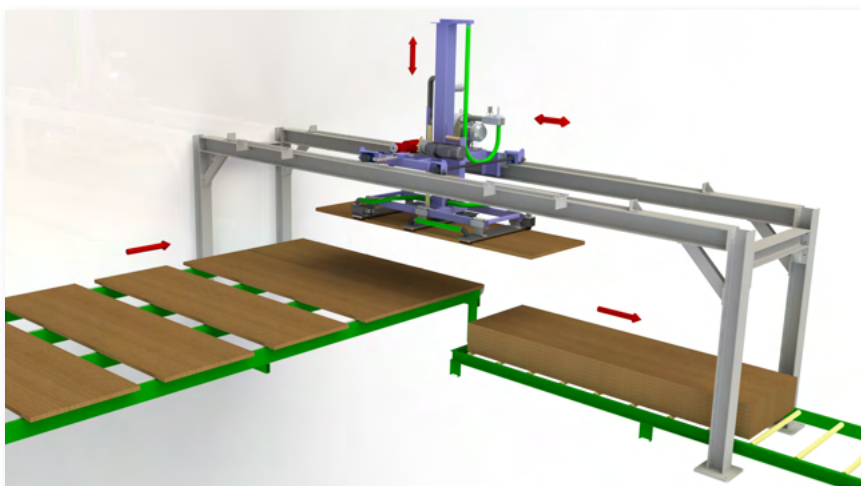


Tins

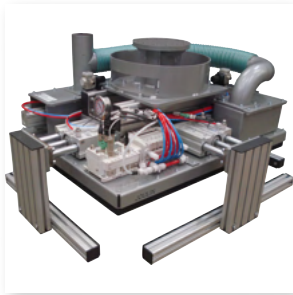


Tubs

## JOULIN Gantry Systems



## JOULIN Products



*JOULIN Custom Gripper*



*JOULIN EGB Gripper*



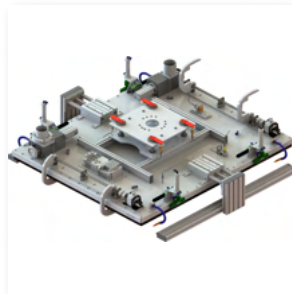
*JOULIN EGV Gripper*



*JOULIN FlexiGrip*



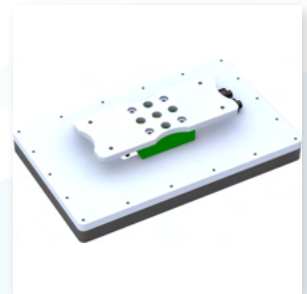
*JOULIN MiniGrip*



*JOULIN Palletizer Pro*



*JOULIN Safe & Light Gripper*



*JOULIN Value Gripper*

## KENOS Products



*KENOS KVG Foam Grippers*



*KENOS KVGC Cup Grippers*



*KENOS Custom Grippers*



*KENOS Collaborative Robot Gripper*

## Assistive Lifting Devices



*CKD Power Arm Lifter*

# VACUUM PUMPS, SUCTION CUPS AND ACCESSORIES

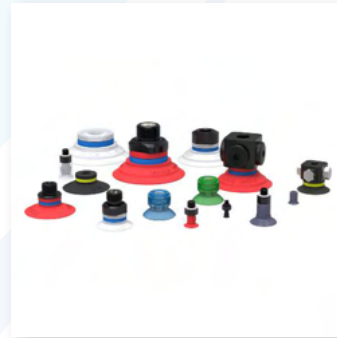
## PIAB Suction Cups



*Deep Cups*



*piGrip*



*Universal*

## Flat Cups



*Flat*



*Flat Concave*

## Bellow Cups



*Bellows*



*Multi-Bellows*



*MX Suction Cups*

## Oval Cups



*Oval Bellows*



*Oval Concave*



*Oval Flat*

## PIAB Pumps



*Chemical*



*Combined Pump & Gripper*



*Compact/Stackable*



*Extra Safety*



*Inline Pumps*



*Vacuum Cartridges*

## Standard Pumps



*Maxi Pumps*



*Mini Pumps*



*P6010*



*P6040*



*piCLASSIC*



*Combined Filter-Pump-Unit*

## PIAB Accessories



**PIAB PMAT**  
Modular Automation  
Tooling



**Pump Accessories**



**Suction Cup Accessories**



**Vacuum Regulator**  
CKD VRA2000

## PIAB Value Line



**PIAB Value Line**



**PIAB Value Line Ejectors**

## PIAB Cobot Vacuum Gripper



**PIAB Cobot Vacuum**  
Gripper

## PIAB Soft-Grip Gripper



**PIAB piSoft Gripper**

## SERVICES

### Cylinder Assembly in NSW

**We offer assembly services for the following cylinders:**

- Pneumatic ISO 6431/ISO 15552/VDMA cylinders.
- Compact UNITOP cylinders.
- Rodless cylinders.

**Our cylinder assembly service includes:**

- Urgent cylinder assembly within one hour for standard ISO cylinders.
- A wide range of bore sizes.
- Standard and special strokes up to two metres.
- A large range of sensors and mounts available to suit your requirements.
- Special requirements.

To arrange cylinder assembly, please call 1300 4 PNEUMATICS.

### Mobile Air Fittings Service in NSW

We offer a friendly and reliable mobile air fittings service. We can deliver air fittings to you on-site, right to your workshop or store. As part of this service, we offer you:

- Regular visits scheduled to your requirements.
- A labelled fittings storage system to make it easier for you to find stock and reorder (*conditions apply*).
- Maintenance of your existing fittings rack and drawers to the specified levels.
- Advice on the best fittings for the job.
- Assistance to source unusual fittings (for example, NPT).

To arrange an appointment for our mobile air fittings service, please call 1300 4 PNEUMATICS.

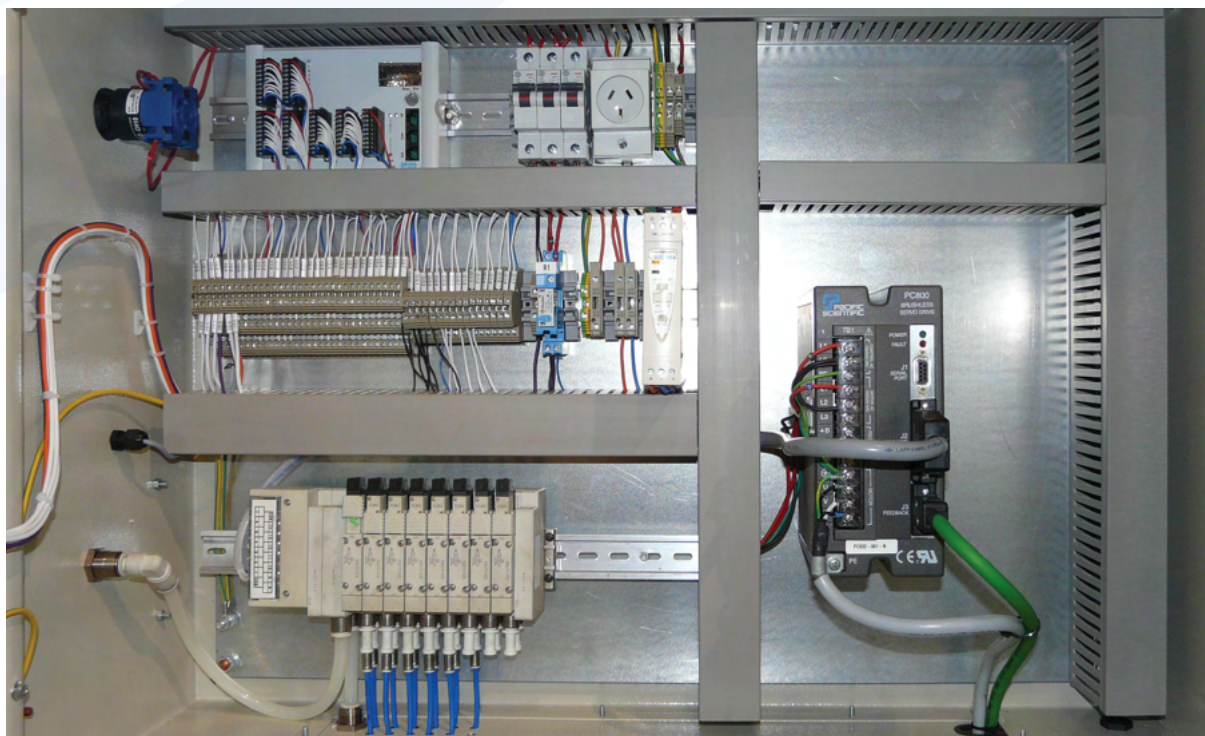


## Custom Built Control Systems

Our team has over 45 years of experience designing and building pneumatic and electro-pneumatic control systems to suit your needs. Whether you require a simple valve plate, an enclosure housing a fully pneumatic system, or a more sophisticated electro-pneumatic control system incorporating PLC control, we can design and manufacture it for you, in-house. We also provide both unprogrammed and fully programmed control enclosures, wired and tested, using the PLC of your choice.

If you're considering a system for a new application or upgrading existing production processes, we'll work with you to design a customised, automated solution—from early design stages to final commissioning.

For a quote to design a customised control system, please call 1300 4 PNEUMATICS.



## GET IN TOUCH WITH US

For more information on a product or service please get in touch with our friendly staff.  
We look forward to working with you.

CONTACT US



  
**pneumaticproducts**  
*vacuum & pneumatic specialists*

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1300 4 PNEUMATICS  
1300 476 386

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