



P&E SALES

Quality Pnuematic Products & Solutions



Unit 11 Goshawk Park
4 Goshawk Road
New Germany 3610

Tel: 031 705 5280

Cell: 063 362 5942

Email: sales@pandesales.co.za

Website: www.pandesales.co.za

P&E Sales prides itself in its **service driven** sales team who are focussed on providing their customers with exactly what they require. The sales team work closely with each client to determine which product will best suit their needs and if need be, collaborate with the design department to have the product specifically designed. The relationship with our customer is not just a sale but a service above all.

Our close relationship with **VESTA** Italy, from where we import highly specialized pneumatic components, places **P&E Sales** at the forefront of the pneumatic industry in South Africa today. **VESTA** has well-established offices in over fifteen countries Worldwide and is **ISO 9001** certified. **P&E Sales** and **VESTA** have been producing pneumatic products of outstanding quality for over 25 years and has combined pneumatic experience of over 50 years.



SPECIALISED PRODUCTS, CYLINDERS & VALVES

CYLINDERS

Our **VESTA** cylinders are manufactured to **ISO 6431** standards to meet the modern industrial automation requirements of performance and reliability. Stroke tolerance is strictly in line with the ISO 6431 standard. Strategic placing of magnetic switches enhances the cylinders flexibility. Due to their exceptionally clean profile, the cylinders are particularly suited for the traditionally “problematic” sectors, such as the food industry, or dirty and dusty environments. We stock a wide range of cylinders including, profile, round-crimped, round-repairable, compact and rodless. We also carry all the applicable front and rear mounting attachments as well as a variety of sensors & reed switches.

VALVES

The highest quality materials are employed in the manufacturing of **VESTA** valves to ensure exceptional performance in all environmental conditions. The spools shape is specially designed to allow high nominal flow rates. Combined with self-lubricating lip rubber seals, this reduces the internal friction and increases the valves lifespan considerably. **VESTA** manual valves are able to operate continuously without lubrication. This unique design keeps maintenance and cost to a minimum.



MANUFACTURING & ENGINEERING WORKSHOP

We have a fully equipped engineering workshop with our own CNC, lathes, and milling machines. With this we can provide **custom cylinders**, make **modifications**, and carry out **repairs**. When repairing; we check and replace damaged components only, to avoid unnecessary waste. And we offer a **24 hour standby** service for **breakdowns**.



PNEUMATICS & AIR SERVICE UNITS

P&E Sales prides itself in its ability to source the very best suppliers worldwide in order to deliver the highest standard of pneumatic products to their clients. Products are continuously modernized and product ranges increased as the demand from our clients dictate. We are in constant communication with our suppliers such as VESTA and others around the world to ensure that our clients receive the best pneumatic components available on the market.



FITTINGS & TUBING

P&E Sales stocks a wide range of pneumatic tubing, recoil tubing and hose. Some of which include; Nylon, PU, PVC, PE, Rubber and re-enforced hosing. We also carry air guns, windjets, pneumatic vibrators, ball valves, manifolds, timers, quick couplers, flow controls, and a vast range of fittings and accessories. **AIGNEP** is regarded as one of the top pneumatic accessory manufacturers in Italy, and we pride ourselves in our partnership with them.



SERVICE UNITS & GAUGES

If a pneumatic system is to reach full potential the correct pressure generation is needed. This pressure is controlled by the service units, which is why **P&E Sales** pride ourselves in our range of durable service units. Their rugged design, strength and longevity allow them to operate in harsh environments. Their design is modular units joined by a unique bolt system offering superior strength and rigidity. This provides high flow rates and high control precision to provide optimum functional reliability. We provide complete combinations using pressure regulators, filter regulators, lubricators, distributor modules, automatic dischargers, and many other accessories. We can also supply you with a wide variety of gauges; made to order according to your spec.



SHOCK ABSORBERS

VIIRA shock absorbers are ideal for energy absorption and can be used whenever shock forces occur. Shock absorbers reduce noise and transient shock, resulting in improved reliability and production.

PIAB VACUUM & VACULEX



P&E Sales prides ourselves in being the sole distributor in Kwa-Zulu Natal for Piab South Africa. **PIAB** Sweden develops and manufactures a complete line of vacuum pumps, vacuum switches, valves, conveyors and suction cups for a variety of automated material handling and factory automation processes.



VACULEX, partner of **PIAB**, is a leading manufacturer of lifting systems based on vacuum technology. The vaculex principal is based on turnkey solutions that will minimize strain injuries and maximize security with maintained or higher productivity.

PIAB VACUUM PUMPS

PIAB vacuum pumps are compressed air-driven pumps. The unique construction makes maximum use of the compressed air and therefore consumes less energy. Large vacuum flows and high levels of vacuum are characteristic of the PIAB vacuum pumps.

Advantages of PIAB Vacuum Pumps

- Reliable
- Low energy consumption
- Fast Response
- High efficiency
- Requires minimum servicing
- Small size and low weight
- Easy to install
- Low noise level
- No heat emission and vibrations
- 5 YEAR WARRANTY



PIAB SUCTION CUPS

Shape

- Flat
- Flat Concave
- Bel lows
- Multibellows
- Deep
- Deep Concave
- Universal
- Oval Bellows
- Oval Flat
- Oval Concave
- Rectangular Bellows
- Foam

Application

- Oily sheet metal
- Dry sheet metal
- Bag handling
- Bag opening/thin paper - slip sheets/film
- Corrugated / cardboard
- Food contact materials (FDA & EU), non-detectable
- Food contact materials (FDA & EU), detectable
- Glass handling
- Electronic / semiconductor
- High/low temp cup (plastic)
- Mark Free
- Plastic injection molded parts

Because every application requires a particular design of suction cup, PIAB manufactures a wide variety of suction cups to suit virtually every need. With that a wide range of accessories are available, such as level compensators, fittings and ball joints.



PIAB VACUUM CONVEYING

The material is conveyed from a suction point through a pipeline to a container, where the air and the material are separated. The filter cleans the air before it passes through the vacuum source. A control unit regulates the operating sequence.

ADVANTAGES WITH PIAB VACUUM CONVEYING

- Perfect for powders and granules
- Friendly – Both to your health as well as to the environment
- From 0 to 20 meters in one second
- 15 Tons per hour
- Easy to install any place
- Durable material
- Reliable and easy to maintain
- Operational safety
- Hygiene

