



# PRODUCT & SERVICES CATALOGUE

## POWERING BETTER LIVES IN AFRICA AND BEYOND

L&N Group supporting safe, reliable industrial supply and service solutions

Hydraulics | Electrical | Civil Construction | Valves | Flow | Instrumentation

SAFETY

ZERO HARM

HEALTH & WELLNESS

SUSTAINABILITY

**Khetha Ukuphepha - Choose safety. Every day counts.**

**APPROVED EXXARO GGC VENDOR**

**Vendor No. 100095312 | Growing together with Exxaro**



## L&amp;N GROUP

## Catalogue at a glance

L&N Group brings together mine and industrial services with product support through established specialist suppliers. This catalogue summarises the offering evidenced in the supplied company and supplier material.

|    |                                            |                                                                                                                                                                             |
|----|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01 | <b>L&amp;N Group &amp; Hytec Lephalale</b> | Hydraulic and pneumatic equipment, repairs, filtration, instrumentation and tools.                                                                                          |
| 02 | <b>Electrical &amp; civil services</b>     | Mine electrical services, control panels, CoC and Megger testing, cabling, transformers, civil works and infrastructure.                                                    |
| 03 | <b>Motors, pumps &amp; asset health</b>    | Innomotics, WEG and SEW-EURODRIVE drive solutions; Bently Nevada machinery protection and condition monitoring; multi-brand industrial, slurry and wastewater pump options. |
| 04 | <b>Valves</b>                              | Safety, regulating, isolation, control, severe-service and specialty valve solutions.                                                                                       |
| 05 | <b>Flow</b>                                | Custody transfer, loading, metering, fuel handling and terminal equipment.                                                                                                  |
| 06 | <b>Instrumentation</b>                     | Flow, pressure, level, temperature, moisture and process measurement.                                                                                                       |



## HYTEC SUPPORT

### Hytec South Africa network and capability



**HYTEC**  
SOUTH AFRICA

**rexroth**  
A Bosch Company

Hytec services the mining, oil & gas, marine, metals, agriculture, construction, power generation and general industries across sub-Saharan Africa through a network of 26 divisions.

Hytec South Africa's expert repair, testing, calibration and installation services, include a Bosch Rexroth Service Centre of Competence.



## Hytec Lephalale - local service capability

- Amongst the other shown branches within South Africa – Hytec Lephalale situated at Eckard street opposite Palm park Hotel comprises of 12 local permanent employed residents that are geared to consolidate the groups products, services and solutions to the Lephalale region.





L&N GROUP RESELLER OFFERING

## Mobile and industrial product offering

**OUR PRODUCT OFFERING COMPRISES OF BOTH MOBILE AND INDUSTRIAL APPLICATIONS WHERE WE PROVIDE NEW AND REPAIRS**

**MOBILE APPLICATIONS**

- ✓ Hydraulic Cylinders
- ✓ Pneumatic Cylinders
- ✓ Final Drives
- ✓ Gearboxes
- ✓ Filtration
- ✓ Instrumentation
- ✓ Tools

**INDUSTRIAL APPLICATIONS**

- ✓ Hydraulic Cylinders
- ✓ Pneumatic cylinders
- ✓ Hydraulic Motors
- ✓ Filtration
- ✓ Instrumentation
- ✓ Accumulators





L&N GROUP RESELLER OFFERING

## Mobile applications

### MOBILE APPLICATIONS

- ✓ Hydraulic Cylinders
- ✓ Pneumatic Cylinders
- ✓ Final Drive repairs
- ✓ Gearbox repairs
- ✓ Filtration
- ✓ Instrumentation
- ✓ Tools



#### GENUINE REXROTH PARTS

- Genuine Rexroth pumps for Caterpillar, Volvo, Liebherr, John Deere, Case, Terex, JCB and other
- Genuine Rexroth travel motors Caterpillar, Volvo, Liebherr, John Deere, Case, Terex, JCB and other
- Genuine Rexroth swingmotors Caterpillar, Volvo, Liebherr, John Deere, Case, Terex, JCB and other
- Genuine Rexroth main control valves for Caterpillar, Volvo, Liebherr, John Deere, Case, Terex, JCB and other
- Genuine replacement parts and repair kits for Rexroth A4VG, A11VLO, A10VG, AA4VSO, AA10VO, A8VO, A2FE, A10FM models



L&N GROUP RESELLER OFFERING

## Industrial applications

### INDUSTRIAL APPLICATIONS

- ✓ Hydraulic Cylinders new and repairs
- ✓ Hydraulic pumps and Motors new and repairs
- ✓ Filtration and solutions
- ✓ Instrumentation
- ✓ Torque tools



Hytec SA is the leader in the design, manufacture, installation, service and repair for total industrial and mobile hydraulic solutions.



L&N GROUP RESELLER OFFERING

## Representative products and solutions

### OUR OFFERING COMPRISES OF THE FOLLOWING BUT NOT LIMITED TO

- On-site services
- Installation & Commissioning
- Logistics
- Maintenance
- Manufacture & Assembly
- Planning & Design
- Service & Repair
- Training

The image shows a large, dark blue building facade with the 'rexroth' logo in white and blue, and 'A Bosch Company' written below it in white. The building has a corrugated metal texture.

**rexroth**  
A Bosch Company



L&N GROUP SERVICES

## Mine electrical services

### LN Group reseller for Hytec Lephalale

✓ **OFFERING TYPICAL MINE ELECTRICAL SERVICES**

- ✓ HT/LT CABLING
- ✓ TRANSFORMERS AND POWERCENTERS
- ✓ MOBILE EQUIPMENT: SURFACE DRAG LINES
- ✓ MOBILE EQUIPMENT: SHOVELS
- ✓ SAFETY & COMPLIANCE: EARTH LEAKAGE PROTECTION
- ✓ SAFETY & COMPLIANCE: CONTROL PANELS





L&N GROUP SERVICES

## Civil construction services

### LN Group Reseller for Hytec Lephalale

- ✓ **OFFERING TYPICAL CIVIL CONSTRUCTION SERVICES**
- ✓ Re-Inforced concrete works
- ✓ Water & waste management
- ✓ Site Preparation
- ✓ Road and infrastructure construction
- ✓ Bulk Earthworks





PROJECT EXPERIENCE | COC | MEGGER TESTING

# Completed pump-control panel project

## 400 V AC direct-on-line control panel for a 4 kW submersible pump

A completed L&N Group electrical project covering panel assembly, installation, testing, commissioning and compliance handover.

### COMPLETED INSTALLATION



Weatherproof operating enclosure



Protected internal control assembly

### DELIVERED PROJECT SCOPE

Installed enclosure, protection and control components, field cabling and external operating controls.

#### 01 Panel build and installation

Assembly, labelling, protection, termination and commissioning.

#### 02 Electrical verification

Continuity, functional and insulation-resistance testing using a Megger tester.

#### 03 Compliance handover

Certificate of Compliance issued for the completed electrical work.

CoC ISSUED

MEGGER TESTED

### SYSTEM SNAPSHOT

|                    |                 |                   |                  |
|--------------------|-----------------|-------------------|------------------|
| 400 V AC<br>SUPPLY | DOL<br>STARTING | 4 kW<br>PUMP DUTY | E-STOP<br>SAFETY |
|--------------------|-----------------|-------------------|------------------|

Field-ready controls with local run/stop indication, emergency isolation and labelled terminations.

Project record and photographs supplied by L&N Grouping. Test results and certification are issued against the applicable installation scope.

LOW VOLTAGE | HIGH VOLTAGE | GEARED MOTORS

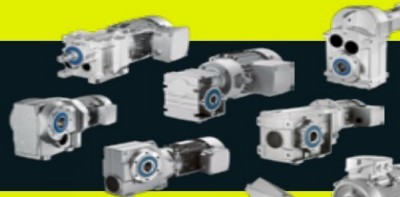
## Innomotics motor portfolio

# Innomotics motors.

**The perfect fit – whether it's low or high voltage.**

Do you need efficient, reliable and flexible motors for industry or infrastructure? Innomotics has the right solution in both low- and high voltage technology, including geared and special motors – with a seamless output range from 0.09 kW, with speeds from several rotations per minute to 16,000 rpm, with torques of up to 40,000 kNm, and with all the necessary voltage classes and types of protection.

## Geared motors



## Low-voltage motors



## High-voltage motors



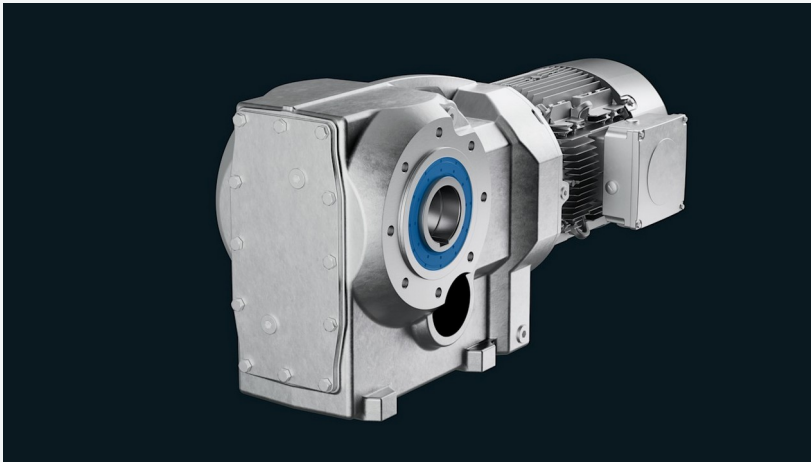
22



LOW VOLTAGE | GEARED MOTORS | EFFICIENT DRIVE SYSTEMS

## Innomotics geared and low-voltage motors

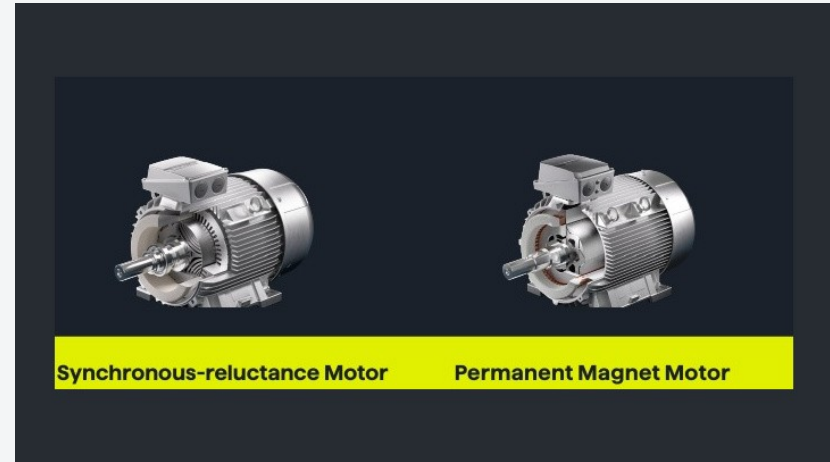
Efficient motor and geared-drive solutions for pumps, fans, conveyors and process equipment



### GEARED MOTORS

Compact drive packages combining motor and gearbox for reliable mechanical power transmission.

HELICAL | BEVEL | PARALLEL-SHAFT | WORM GEARED MOTORS



### LOW-VOLTAGE MOTORS

Efficient synchronous-reluctance and permanent-magnet motor options for variable-speed duties.

PUMPS | FANS | COMPRESSORS | MILLS | CRUSHERS | CONVEYORS

### REPRESENTATIVE LOW-VOLTAGE RANGE

0.37-250 kW

POWER RANGE

400-480 V

SUPPLY

IE4-IE5

EFFICIENCY

IP55-IP66

PROTECTION

Final selection is confirmed against load, speed, torque, supply, mounting, enclosure, efficiency and site conditions.



LOW VOLTAGE | HIGH VOLTAGE | GEARBOXES

## WEG motors and gearboxes

Industrial drive solutions for mining, process plants and infrastructure



### INDUSTRIAL MOTORS

Three-phase low voltage motors up to 1,250 kW and high voltage motors up to 1,800 kW.

**MINING | HAZARDOUS AREAS | PUMPS | FANS | CONVEYORS**



### GEARBOXES

Crown and worm, helical and industrial gearboxes covering torque ranges from 10 to 500,000 Nm.

**CONVEYING | MIXING | COOLING TOWERS | INDUSTRIAL DRIVES**

### APPLICATION MATCHING

Final motor and gearbox selection is confirmed against power, speed, torque, supply voltage, mounting, enclosure, duty cycle and site conditions.



MOTORS | GEARMOTORS | GEAR UNITS

## SEW-EURODRIVE motors and geared drives

### SEW-EURODRIVE

#### Drive technology and drive automation

A modular portfolio for creating application-matched mechanical and electronic drive systems, from the motor shaft to plant-level automation.

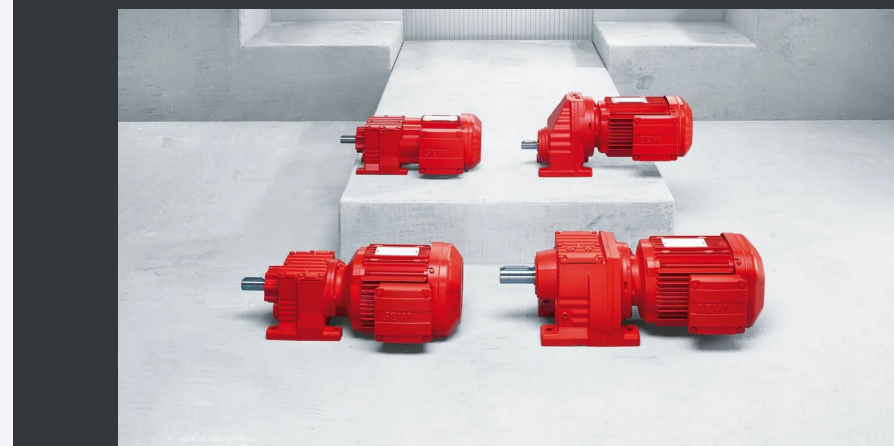
#### PRODUCT SHOWCASE



#### DR SERIES AC MOTORS

Modular asynchronous motor platform for energy-efficient industrial motion and geared-drive combinations.

**DRN IE3 | DRU IE4 | INDUSTRIAL DUTIES**



#### R SERIES HELICAL GEARMOTORS

Compact motor-and-gear combinations with finely stepped ratios for matched output speed and torque.

**CONVEYORS | MIXERS | PROCESS EQUIPMENT**

#### INDUSTRIAL GEAR UNITS

#### Heavy-duty drives for mixers, agitators, conveyors and process plant

The portfolio includes application-engineered industrial gear units and the X.e agitator drive concept, selected around torque, ratio, duty, mounting, environment and service requirements.

Portfolio and product-image source: official SEW-EURODRIVE product pages. Product configuration and availability are confirmed at enquiry stage.



ELECTRONICS | AUTOMATION | SAFETY

# SEW-EURODRIVE drive automation portfolio

Matched electronic and automation components extend the mechanical drive train into a connected, configurable system for speed control, positioning, safety and diagnostics.

|                                                                                                                                                         |                                                                                                                                                                            |                                                                                                                                                                   |                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>04</div> <div>INVERTERS</div> <div>Regulate motor speed, torque and direction.</div> <div>CABINET   WALL   DECENTRALIZED</div>                     | <div>05</div> <div>DECENTRALIZED DRIVES</div> <div>Field-mounted drives reduce cabinet space and wiring.</div> <div>MOVIONE   MOVIMOT   MOVIGEAR   MOVIFTT   MOVIPRO</div> | <div>06</div> <div>LINEAR DRIVE TECHNOLOGY</div> <div>Direct linear motion and electric-cylinder positioning.</div> <div>SL2 MOTORS   CMS AND CSM CYLINDERS</div> | <div>07</div> <div>SAFETY TECHNOLOGY</div> <div>Integrated safety for stopping, motion and communication.</div> <div>STO   SAFE MOTION   MOVISAFE   PROFISAFE</div> |
| <div>08</div> <div>CONTROL TECHNOLOGY</div> <div>Scalable MOVI-C motion and automation controllers.</div> <div>CENTRAL   DECENTRALIZED   FIELDBUS</div> | <div>09</div> <div>SOFTWARE</div> <div>Engineering, startup, visualization and diagnostics.</div> <div>MOVISUITE   MOVIKIT   VISUALIZATION</div>                           | <div>10</div> <div>ENERGY &amp; POWER SUPPLY</div> <div>Energy transfer, regeneration and coordinated supply.</div> <div>POWER   TRANSFER   REGENERATION</div>    | <div>11</div> <div>DIDACTICS</div> <div>Practical training systems for drive automation.</div> <div>TRAINING   DEMONSTRATORS   LEARNING</div>                       |
| <div>REGULATIONS</div>                                                                                                                                  | The international regulations tool supports research into local and regional drive-technology requirements by country of use and component.                                |                                                                                                                                                                   |                                                                                                                                                                     |

Portfolio and product-image source: official SEW-EURODRIVE product pages. Product configuration and availability are confirmed at enquiry stage.



INDUSTRY KNOWLEDGE | ENGINEERING DATA | SERVICE

# SEW-EURODRIVE applications and support

The supplied South African portfolio page connects the drive offering to industry applications, engineering data and lifecycle support.

## INDUSTRIES AND APPLICATION ENVIRONMENTS

|                                                                                                |                                                                              |                                                                                          |
|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <b>AUTOMOTIVE</b><br>Conveying, assembly, handling and production-line motion.                 | <b>BEVERAGE</b><br>Filling, packaging, conveying and hygienic process areas. | <b>LOGISTICS</b><br>Roller, belt and chain conveyors, sorting and storage systems.       |
| <b>CRANE TECHNOLOGY</b><br>Hoisting, travel and positioning functions with coordinated safety. | <b>WASTEWATER</b><br>Pumps, mixers, aeration and material-handling duties.   | <b>AIRPORT BAGGAGE</b><br>Reliable conveyor and sorting drives for continuous operation. |

## ONLINE SUPPORT AND ENGINEERING RESOURCES

|                                                                                                             |                                                                                                                          |                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>DATA &amp; DOCUMENTS</b><br>CAD data, CAE data, documentation, product data and software resources.      | <b>CONFIGURATION SUPPORT</b><br>Product configuration, spare-parts selection, transaction support and solution guidance. | <b>SERVICE ACCESS</b><br>Contact support, worldwide locations and a South African 24-hour service hotline. |
| <b>SEW-EURODRIVE reports approximately 22,700 employees worldwide and 2024 sales above EUR 4.2 billion.</b> |                                                                                                                          | <b>24H SERVICE: +27 82 770 8796</b>                                                                        |

Portfolio and product-image source: official SEW-EURODRIVE product pages. Product configuration and availability are confirmed at enquiry stage.



CONDITION MONITORING | MACHINERY PROTECTION | ASSET HEALTH

## Bently Nevada machinery protection

### BENTLY NEVADA

#### Protection and insight for critical rotating equipment

Plantwide machinery protection, condition monitoring and diagnostics for motors, pumps, turbines, compressors, generators and gear-driven assets.

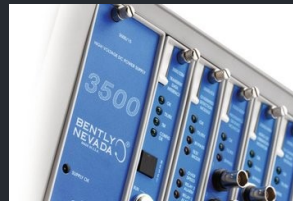
#### CORE PROTECTION PLATFORMS



##### ORBIT 60 SERIES

Next-generation, cybersecure machinery protection, condition monitoring and data integration for rotating and reciprocating assets.

**FLEXIBLE | SCALABLE | DISTRIBUTED**



##### 3500 SERIES

Continuous online machinery protection with extensive measurement options and integration to System 1 software.

**PROTECTION | ALARMING | TRIP LOGIC**



##### ADAPT OVERSPEED / ESD

Dedicated overspeed detection and emergency-shutdown capability for machinery requiring independent protective action.

**OVERSPEED | EMERGENCY SHUTDOWN**

#### SYSTEM OPTIONS

##### 2300 SERIES MONITORS

Compact vibration monitors for selected machinery-protection and condition-monitoring duties.

##### PACKAGED SYSTEMS

Indoor and outdoor packaged arrangements for 3500 and Orbit 60 installations.

##### SYSTEM 1 CONNECTIVITY

Protection data can feed the System 1 environment for trending, visualization and proactive maintenance.

Portfolio source: official Baker Hughes Bently Nevada product pages. System configuration, certifications, compatibility and availability are confirmed at enquiry stage.



ONLINE SYSTEMS | WIRELESS SENSING | PORTABLE DIAGNOSTICS

## Bently Nevada condition monitoring portfolio

A layered monitoring portfolio supports permanently installed, wireless and route-based data collection across both critical and balance-of-plant assets.



### ORBIT DCM

Compact distributed condition monitor designed for higher channel counts and broad sensor support.

[ONLINE](#) | [DISTRIBUTED](#) | [CYBERSECURE](#)



### TRENDMASTER PRO

Dynamic scanning system linking large numbers of permanently mounted transducers through a sensor network.

[PLANTWIDE](#) | [NETWORKED](#) | [SCALABLE](#)



### RANGER PRO

Wireless vibration and temperature monitoring for hard-to-reach, hazardous and widely distributed assets.

[WIRELESS](#) | [REMOTE](#) | [PREDICTIVE](#)



### SCOUT200 SERIES

Portable, intrinsically safe vibration data collection and analysis for route-based condition monitoring.

[BEARINGS](#) | [GEARS](#) | [BALANCING](#)

### ADRE 408

Multi-channel machinery data acquisition and diagnostics for transient events, troubleshooting and advanced analysis.

[TRANSIENT DATA](#) | [DIAGNOSTICS](#)

### WIND TURBINE MONITORING

Integrated drivetrain condition monitoring with System 1 trending, alarming and diagnostic capability.

[GEARBOX](#) | [GENERATOR](#) | [DRIVETRAIN](#)

Portfolio source: official Baker Hughes Bently Nevada product pages. System configuration, certifications, compatibility and availability are confirmed at enquiry stage.



SENSING | SYSTEM 1 | MACHINERY DIAGNOSTICS

## Bently Nevada sensors, software and services

### SYSTEM 1 ASSET HEALTH MANAGEMENT



A plantwide condition-monitoring platform built around connectivity, analytics and visualization. System 1 brings machinery and process information together for trending, diagnostics, alarming and predictive-maintenance decisions.

#### SUPPORTED DATA SOURCES

Orbit 60 | 3500 | Orbit DCM | Trendmaster Pro | Ranger Pro | Scout200 | ADRE

### INDUSTRIAL SENSOR PORTFOLIO



PROXIMITY & EDDY-CURRENT



ACCELERATION & VELOCITY

Also available: pressure sensors, hydro sensors, wireless vibration sensors, housings, extension cables, instrumentation wiring, test kits and simulation equipment.

#### LIFECYCLE AND DIAGNOSTIC SERVICES

**Remote Monitoring & Diagnostics** - Scheduled, event-based or continuous expert review and actionable machine-health insight.

**Machinery Diagnostic Services** - On-site and remote troubleshooting, balancing, failure analysis and rotordynamic support.

**Project and System Support** - Design, installation, commissioning, system maintenance, optimization and training.

Portfolio source: official Baker Hughes Bently Nevada product pages. System configuration, certifications, compatibility and availability are confirmed at enquiry stage.

## WEG PUMP MOTORS

### Close-coupled, fire and jet-pump motors

Purpose-built motor configurations for pump and water-handling applications. Final selection is matched to the driven equipment, mounting arrangement, environment and duty.



Close Coupled JM/JP



Close Coupled JM/JP AEGIS



Fire Pump



Jet Pump



P-Base

## APPLICATION NOTE

Suitable configurations are confirmed against pump frame, shaft and flange details, starting requirements, enclosure, supply voltage and applicable certification.

## WEG PUMP MOTORS

### Industrial and specialised pump motors

Purpose-built motor configurations for pump and water-handling applications. Final selection is matched to the driven equipment, mounting arrangement, environment and duty.



**AEGIS Inside**



**In Line Extra Thrust**



**Hydraulic Pump**



**Oil Well Pump**



**HydroWash JM**

## APPLICATION NOTE

This range supports hydraulic, oil-well, washdown and in-line pumping duties where the motor construction must match the operating environment.



CENTRIFUGAL | MULTISTAGE | PROCESS | WASTEWATER | SLURRY

## Industrial pump brands and configurations

Representative pump brands and configurations for mining, municipal, process-water, wastewater and general industrial duties.



**KSB | ETANORM**  
**END-SUCTION CENTRIFUGAL**

Industrial water, cooling and general process transfer.



**GRUNDFOS | CR**  
**VERTICAL MULTISTAGE**

Pressure boosting, boiler feed, water treatment and high-head transfer.



**SULZER | AHLSTAR APP/T**  
**INDUSTRIAL PROCESS PUMP**

Chemical and process liquids, pulp and paper, and plant utilities.



**FLYGT | N-TECHNOLOGY**  
**SUBMERSIBLE WASTEWATER**

Sewage, sludge and non-clog wastewater services.



**WARMAN | AH**  
**HEAVY-DUTY SLURRY**

Mining, cyclone feed, flotation, tailings and abrasive slurry.



**WILO | REXA PRO**  
**SUBMERSIBLE SEWAGE**

Wet-well, portable or dry-installed wastewater service.

### SELECTION NOTE

Brand and model availability is subject to confirmation. L&N Group will match the pump to the duty point, fluid, solids, materials, motor, installation and compliance requirements.  
Product images sourced from manufacturer product pages and online product imagery. Trademarks remain the property of their respective owners.



## MOTORS & PUMPS

# KSB industrial pumps

## Pump solutions for industry, water, wastewater, energy and building services

KSB provides standard and engineered pump solutions across dry-installed, vertical, ring-section, tubular-casing and submersible configurations.

- 01 Centrifugal pumps** - Process and utility pumping for clean water, industrial liquids and general services.
- 02 Water and wastewater pumps** - Transfer, treatment, drainage and municipal or industrial networks.
- 03 High-pressure and multistage pumps** - Engineered configurations for duties requiring elevated heads.
- 04 Service support** - Application review, replacement selection and lifecycle support at enquiry stage.

## TYPICAL APPLICATIONS

Process water | Mine dewatering | Cooling water | Wastewater | Boiler feed | Building services

Selection note: Confirm flow, total dynamic head, liquid properties, solids content, temperature, materials and installation conditions.



**KSB ETANORM**

Representative end-suction centrifugal pump configuration.



## MOTORS & PUMPS

# Submersible and borehole pumps

## Pumping solutions for dewatering, drainage and water supply

The offering includes submersible motor pumps and multistage water-supply pumps for wet-well, drainage and high-head transfer applications.



### FLYGT N-TECHNOLOGY

#### SUBMERSIBLE WASTEWATER

Sewage, sludge and non-clog wastewater duties.



### WILO REXA PRO

#### SUBMERSIBLE SEWAGE

Wet-well, portable and dry-installed wastewater service.



### GRUNDFOS CR

#### VERTICAL MULTISTAGE

Pressure boosting, water treatment and high-head transfer.

## TYPICAL APPLICATIONS

Open pits | Sumps | Boreholes | Sewage stations | Stormwater | Industrial drainage

Selection note: Confirm borehole diameter or sump geometry, immersion depth, cable length, solids passage, duty point, power supply and control requirements.



## VALVES | FLOW | INSTRUMENTATION

## DLM specialist supply portfolio

### Three specialist divisions supporting industrial, mining and process applications

**60**+

YEARS OF EXPERIENCE

**Dupleix Liquid Meters Flow Control (Pty) Ltd.**

A specialist source of overpressure protection, flow handling and process measurement solutions, supported by technical and engineering capability.

## SPECIALIST DIVISIONS

**01 VALVES**

Overpressure protection, isolation, control, severe-service and specialty valves.

**SAFETY | CONTROL | ISOLATION | TANK PROTECTION****02 FLOW**

Metering, loading, fuel handling and terminal equipment for liquid and bulk-transfer duties.

**METERING | LOADING | FUEL HANDLING | TERMINALS****03 INSTRUMENTATION**

Flow, pressure, level, temperature, moisture and process-measurement technologies.

**MEASUREMENT | MONITORING | PROCESS CONTROL**

## SUPPORT CAPABILITY

**STOCK & SOURCING**

Established product and supply-partner network

**ENGINEERING SUPPORT**

Application review and project coordination

**SERVICE SUPPORT**

Workshop, testing and technical assistance

## FROM REQUIREMENT TO SUPPLY

**01 DEFINE DUTY**

Share media, pressure, flow, temperature and site conditions.

**02 TECHNICAL REVIEW**

Match the requirement to the appropriate specialist division.

**03 CONFIRM SELECTION**

Verify specification, materials, interfaces and compliance needs.

**04 QUOTE & SUPPLY**

Confirm commercial offer, availability and delivery schedule.

Product availability and final technical selection are confirmed at enquiry stage.



## SPECIALIST SUPPLY PARTNERS

## Projects and African footprint

### PROJECTS

#### The Project Department within DLM

DLM's Projects Branch has a distinguished record of successfully completing a number of projects of various scales; small, medium, and large over recent years, with a predominant focus on the mining sector. Our extensive installed base across mines in South Africa and neighboring countries underscores our strong industry presence. We are dedicated to providing high quality products and exceptional professional service, which has solidified our reputation as a reliable partner in mining.

In addition to our achievements in the mining sector, DLM has also made significant strides in the petrochemical industry in South Africa. This expansion highlights our versatility and capability to deliver tailored solutions across different industrial sectors, further reinforcing our commitment to excellence and customer satisfaction.

### AFRICA

#### DLM's Footprint in Africa is Robust and Expanding

DLM's Africa branch is proactively engaging with the continent's dynamic industrial landscape by traveling extensively across the region. The team is participating in key exhibitions and conducting site visits to better understand and address the needs of our customers. This hands-on approach allows DLM to tailor our services for medium to large-scale projects, focusing on the supply of high-quality valves, flow control, and instrumentation products. By immersing ourselves in the local market and forging direct connections, DLM is committed to delivering precise solutions and exceptional support to meet the evolving demands of the African market.



SPECIALIST SUPPLY PARTNERS

Industries served

### OUR MAIN INDUSTRIES

Factories

Marine

Oil and Gas

Paper and Pulp

Sugar and Sugar Refinery

Water and Waste Water

Food And Beverage Plants

Pharmaceutical

Power Generation

Clean Energy

Mining

Petrochemical



VALVES

## Flame arresters and pressure regulation



## VALVES

### Safety relief valves

#### **Amal** FLAME ARRESTERS

Amal specialise in the design, specification and manufacturing of Flame Arresters. These metal flame arresters are safety devices designed to stop the propagation and spread of flames through flammable gases or vapour mixtures in pipelines.



In-Line Deflagration



In-Line Detonation



End-of-Line Deflagration

#### **64 PILOT PRESSURE REDUCING VALVES**

Pilot operated valves provide very close accuracy of pressure control, and due to their high flow rates, pilot valves will often be smaller than the comparable direct acting valve.



2046



2045



2044



2043



2042



Low Pressure Top

#### **DA SERIES PRESSURE REDUCING VALVES**

In a direct acting pressure reducing valve, the controlled pressure acts directly through a diaphragm or piston on an imposing force from a compressed helical spring. The construction is simple and robust.



Class T



C10


  
**EMERSON**™
   
  

  
**Bailey**
  
SAFETY & REGULATING VALVES

8

VALVES

## Tank protection, bursting discs and API valves

### 700 SERIES SAFETY RELIEF VALVES

Safety relief valves should be used on any closed vessel or system in which pressure, other than atmospheric or the design pressure, of the system can be exceeded.











### 480/485/490 RELIEF AND 616D SAFETY VALVES






## Birkett

### SAFETY RELIEF VALVES

For more than 100 years Birkett safety relief valves have been installed to protect process plant and equipment from the potentially disastrous effects of exceeding a design pressure.

Birkett offers a range of safety valves to suit most application requirements.







## VALVES

### Fire-safe, check and pinch valves

#### Marvac

**TANK PROTECTION VALVES**

Marvac manufacture an extensive range of products to protect low pressure storage tanks and vessels. These products help to prevent damage to the tank and also prevent the tank vapours from escaping, ensuring the safety of personnel and the surrounding environment.



Pressure/Vacuum Relief Valves



Pilot Operated Relief Valves



Tank Blanketing Valves



Emergency Vent Manway and Gauge Hatch



#### Marston

**BURSTING DISCS**

A complete range of non-reclosing pressure relief devices, from simple conventional designs through composite assemblies to top-of-the-range reverse buckling discs.



Forward Acting



Reverse Buckling



Flat

#### BAOYI VALVES

**GATE, GLOBE AND CHECK VALVES**

Baoyi manufactures a full range of high quality API gate, globe, ball and check valves.



Gate Valves



Globe Valves



Swing Check Valves



Double Door Check Valves



Fire Safe Ball Valves



DIN Spec Globe Valves

## VALVES

### Cast, stainless-steel and bronze valves



**FIRE SAFE VALVES**

Buracco are a renowned valve manufacturer that produce a range of fire safe tank storage check valves as well as double and triple offset butterfly valves



8000 Series



7000 Series



6000 Series



5000 Series



**Corflex Engineering (Pty) Ltd**

**CHECK VALVES**



Dauphin Series



Separfeu Series



CLA Series



CAR Series

**PINCH VALVES**

These valves are designed for abrasive and corrosive slurry applications for high and low pressures. All Corflex pinch valves are flanged.



Pinch Valves



Nippit Pinch Valves

VALVES

## Cast and ductile-iron valves and linear actuators



**CAST AND STAINLESS STEEL RANGE**

DLM's Cast and Stainless Steel Range of valves are used on general purpose applications across most market segments.



Y-Strainers



3-Way Ball Valves



Disc Check Valves



Screwed 3 Way Ball Valves



3 Piece Screwed Ball Valves



1 Piece Screwed Ball Valves



2 Piece Screwed Ball Valves



2 Piece Flange Ball Valves



**BRONZE RANGE**

DLM's Bronze range is used widely in the steam and condensate industry for isolation, filtering and back flow prevention.



Globe Valves



Gate Valves



Check Valves



Y-Strainers

VALVES

## Pneumatic actuators and ball valves


**DLM**

### CAST AND DUCTILE IRON RANGE

DLM's Cast and Ductile Iron Range are commodity purpose valves for low pressure non-aggressive applications used for water and air generally.



Butterfly Valves



Double Door Check Valves



Y-Strainers



Globe Valves



Check Valves



Gate Valves



### PNEUMATIC LINEAR ACTUATOR

The DLM Linear Actuator range is an essential automation tool for plants using knife gate valves. Operating multiple valves from a central location has never been easier. No Matter the size of the valve, location of the valve or working conditions, the DLM Linear Actuator is the right choice for process automation and control.



Pneumatic Linear Actuator

VALVES

## Instrumentation fittings and general valves



### COMPACT PNEUMATIC ACTUATOR AND ACCESSORIES

The Compact four piston quarter turn Pneumatic Actuator has been developed to be simple, reliable and efficient, using a patented rack and pinion design. Torque range 6NM-4000NM. Open and closed stroke adjustments. Available in sizes C15-C90.



Breather Blocks



ImpAct™ Spring Assists



Pneumatic Actuators



### BALL VALVES

Habonim are committed to the engineering, manufacturing and supplying of superior products for the most demanding industries including oil and gas, chemical, petrochemical, pharmaceutical and mining. They provide high end valves for the natural gas value chain including hydrogen.



Control Valves



Flanged Valves



Cryogenic Valves



Standard Valves



Metal Seated Valves



High Pressure Valves



Diverter Valves



Trunnion Valves



Multi-port Valves

## VALVES

### Ball valves, pressure reduction and temperature control



**FITTINGS, MANIFOLDS, PROCESS VALVES AND QUICK CONNECTORS**

HAM-LET group specializes in the design, development, production, and marketing of high quality instrumentation valves and fittings in a wide variety of materials for high pressure, temperature and vacuum applications. They are used in a wide range of industries including petrochemical, semiconductor, energy, food, biotechnology, pharmaceutical, pulp and paper and mining.



Fittings



Manifolds



Process Valves



Quick Connectors



**BALLCENTRIC VALVES**

HENRY PRATT Ballcentric® plug valves are suitable for a wide range of applications including liquids, slurries and powders. They are particularly effective in abrasive media applications.



Plug Valves



**PLUG, GATE, GLOBE AND CHECK VALVES**

In compliance with the British standards and WRC approval, this well known range of valves is manufactured to the highest standard of quality in bronze.



Gate Valves



Globe Valves



Check Valves



Ball Valves



Balancing Valves



Y-Strainers

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L&N Group (Pty) Ltd

Product enquiries: [ntanga@lngrouping.co.za](mailto:ntanga@lngrouping.co.za)

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## VALVES

### Control and severe-service valves

#### HISAKA

##### BALL VALVES

Hisaka Works Limited (Japan) is a manufacturer of high quality, soft seated and metal seated ball valves for a variety of applications. DLM currently manufactures the 2-piece full bore ball valve in South Africa under license agreement. Ball valves available in 2, 3 or 4 Way.



Soft Seated Ball Valves



Metal Seated Ball Valves



D06F



D06FI



F76



D15S



D22



SM152

#### Honeywell Braukmann

##### PRESSURE REDUCING VALVES

Honeywell supplies a full range of pressure reducing and safety valves for the process industry. Their products require an extremely low level of maintenance and are service friendly.

#### HORNE

##### THERMOSTATIC CONTROL VALVES

The Horne range of thermostatic control valves for steam, hot water and cold water systems are manufactured in bronze and provide reliable temperature control for commercial and domestic applications.



Steam and Water Mixing Valves



Steam Injection Heaters



Temperature Control Valves

VALVES

## Steam traps and fixed-ratio pressure reduction



**CONTROL VALVES**

MASCOT is a well-established manufacturer and supplier of Control Valves, Shut-off Valves, Desuperheaters and Pressure Reducing Desuperheating Stations (PRDS).



GFlo- Globe Control Valves



DiskFlo- Butterfly Valves



VFlo- Segmented Ball Valves



EFLo- Eccentric Plug Valves



QuickFlo- Full Bore Ball Valves



FlushFlo- Flush Bottom Valves



DeFlo- Variable Sprays



**SEVERE SERVICE BALL AND CONTROL VALVES**

The leading provider of severe-service, metal-seated ball valves and flexstream control valves for petrochemical and refining, power generation, mining and minerals as well as autoclaves.



C-Series



T-Series



Isolator 2.0



iRSVP



G-Series



**BUTTERFLY VALVES**

Okumura's unique general purpose soft seated butterfly valves offer long service life due to both low friction and torque. Okumura high performance valves are suitable for specialised services up to 450° C.



5400 Series



616J / 618H / 622H Series



606 Series



612X and 615X Series

VALVES

## LPG equipment



### STEAM TRAPS

The Pennant product range includes steam traps, air vents, compressed air drain traps, sight checks and strainers. They are manufactured in a variety of materials, sizes and end connections and to International Standards. There is a solution to almost every industrial application.



Ball Float Traps



Thermodynamic Steam Traps



Thermostatic Steam Traps



Inverted Bucket Traps



Air Vents



Piston Valves



### FIXED RATIO PRESSURE REDUCING VALVES

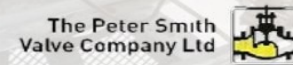
With over 40 years of proven usage, Philmac ratio pressure reducing valves accurately control service line pressure in fixed head water systems. Pressure is reduced by ratio to protect appliances from damage caused by excess pressure. The valves also protect pipework by reducing surge and water hammer.



Flanged Ratio Valves



Screwed Ratio Valves



### BUILDING AUTOMATION PRODUCTS

Specialising in the manufacturing of small to medium size valves for the control of fluids and gases in most pipe conveying systems, the Peter Smith Valve Company offers quality products in cast iron, cast steel and gunmetal for varying applications. Valves are supplied with metric, ANSI or imperial flange drilling's.



Globe 181



Parallel Slide 650



Angle Boiler Crown 281



Lift Check 184



Ball Float 501

## VALVES

### Knife-gate valves, positioners and steam conditioning



PART OF OPW | A DOWEN company

#### LPG STATIC EQUIPMENT

RegO offers efficient bulk storage solutions tailored for the LPG and NH3 industries, ensuring safety, reliability, and cost-effectiveness in storing and managing these essential energy resources.

|                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| MultiPort® Pressure Relief Valve                                                  | Delta Port™ Relief Valve Manifolds                                                | Pressure Relief Valves                                                            | Filler Valves                                                                       | Pressure Relief Valves                                                              | Regulators                                                                          | Emergency Shut-Off Valves                                                           |

#### LPG CYLINDER SOLUTIONS

|                                                                                    |                                                                                    |                                                                                    |                                                                                      |                                                                                      |                                                                                      |                                                                                      |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| Service Valve                                                                      | Pressure Relief Valve                                                              | Multivalve Vapour Withdrawal                                                       | Multivalve Liquid Withdrawal                                                         | Cylinder Valve Liquid Withdrawal                                                     | Cylinder Valve Vapour Withdrawal                                                     | Double Check Filler Valve With Cap                                                   |

#### CRYOGENIC LIQUID AND VAPOUR PRODUCTS

|                                                                                     |                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| Cryogenic Globe Valves                                                              | Relief Device Diverters                                                             | Combination Pressure Builder/Economizer                                             | In-line Check Valves                                                                  |

## VALVES

### Lined valves and pneumatic actuators



#### KNIFE GATE, CHECK AND FOOT VALVES

Designed and manufactured by DLM, Rienzi valves are robust, durable and suitable for a variety of water and slurry applications.



Knife Gate Valves



Wafer Style  
Non-Return Valves



Diaphragm  
Non-Return Valves



Foot Valves



Wafer Slim  
Non-Return Valves



#### SMART POSITIONER

Rotex is a leading manufacturer and exporter of smart positioners that are simple to convert from direct acting to reverse acting or vice versa. They are designed to meet your most basic to advanced needs, with an adaptive PID loop which helps ensure high accuracy, lower dead band and extremely steady performance of the positioner.



Smart Positioners



#### SLIDE TYPE BLIND VALVES

Sammi Machinery Co.,Ltd. a Line Blind Valve fabricator and machine shop, is wholly owned subsidiary of line blinding technology and products. The SAMMI LINE BLIND incorporates a tough and simple design that has been developed to provide absolute shutoff, long life and trouble-free service with minimum maintenance.



Sliding



Swing



Compact



Non-Spill



Jack Bolt



FLOW

## Flow metering solutions



FLOW

## Road-tanker loading equipment



**ISOIL IMPIANTI**

**FLOW METERING AND CONTROL EQUIPMENT**

Isol Impianti designs and manufactures flow metering and control instrumentation used in the petrochemical industry for both bulk delivery vehicles and bulk storage facilities.



P.D Meters



Air Separators



ISO Valve



Grounding Unit



Additivation



Truck Meter



**Metermatic**

**ELECTRONIC EQUIPMENT AND SOFTWARE FOR TRUCK AND GANTRY**

Metermatic, a wholly owned subsidiary of DLM, manufactures intrinsically safe electronic equipment, systems and software packages that are predominantly used in the Petrochemical Industry for both truck and terminal fuel loading applications.



EM6  
Preset Controller



SCS 400  
Vehicle Monitoring



LMS-100  
HFO Overfill



HFO-100  
HFO Overfill



SAM Accounting



SAM Automation

FLOW

## Terminal loading systems



**CIVACON**  
PART OF OPW A DOVER COMPANY

**TRUCK**

OPW Civacon is dedicated to providing expert solutions for the safe handling and monitoring of hazardous bulk products on tank trucks.

|                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |  |
| Manhole Cover                                                                     | Vapor Vents                                                                       | Overfill Sensors                                                                  | Bottom Loading Adaptor                                                              | Bottom Valve                                                                        | ROM- Retain and Overfill Monitor                                                    | Manifolds                                                                           |



**OPW**  
A DOVER COMPANY

**ENGINEERED SYSTEMS**

OPW Engineered Systems offers a complete range of equipment available to meet today's bulk loading and unloading requirements whether your application involves tank trucks, rail cars, ISO containers or safe earth and overfill monitoring.

|                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| Top Loading Arms                                                                    | Bottom Loading Arms                                                                 | Custom Loading Arms                                                                 | API Lynx Bottom Coupler                                                               | Plug and Cords                                                                        | Rack Monitor                                                                          |

FLOW

## LPG flow equipment



**OPW**  
A DOVER COMPANY

**QUICK AND DRY DISCONNECTS**

OPW Engineered Systems specializes in engineering, designing and manufacturing of systems for the safe and efficient loading and unloading of critical hazardous fluid materials.



Autolok®- Self Locking Arms



Kamlok® Series



Kamvalok® Series



Drylok™



Epsilon®



Hiltap™

**PROCESS PRODUCTS**

OPW offers products that monitor, sense and reveal the fluids in your operation. Whether you're monitoring petroleum products, liquefied gases, solvents, or hazardous, corrosive chemicals, OPW's collection of Process Products help keep your fluids under control.



Visi Flo®



ISO-Ring Gauge



ISO Spool

**SWIVEL JOINTS**

OPW swivels, mainly used in flexible piping systems, loading arms, hose reels, sewer rodding and wastewater treatment equipment, as well as various types of process machinery.



Swivel Joints



Endura Split Flange



General Purpose



Hose Reel Swivels

FLOW

## Rail and dry-bulk transfer equipment



**REGO**

PART OF OPW | a SOVER company

### LPG RAIL TANK CAR VALVES

LPG products for tanker trucks have to be able to withstand harsh conditions, road vibration, and repeated use. They design, assemble, and test 100% of the products to ensure you get superior quality and service life for all the valves, nozzles, safety systems, and accessories your trucks require.



Globe & Angle Valves



Globe Valve



2" & 3" Globe/Angle Valves



Tank Car Angle Valves



Regulator

### PRESSURE RELIEF VALVES FOR MOBILE TANKERS

Bleeder, excess flow, pressure relief and hydrostatic relief valves provide secure and reliable connections, preventing excessive flow and ensuring safe operation in LPG and NH3 systems.



Bleeder Valve



Hydrostatic Relief Valve



Excess Flow Valves



Pressure Relief Valve



Rotogage® Assemblies

### INTERNAL VALVES FOR ROAD TANKERS



Flanged Internal Valve



Threaded Internal Valve



Flomatic Internal Valve

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L&N Group (Pty) Ltd

Product enquiries: [ntanga@lngrouping.co.za](mailto:ntanga@lngrouping.co.za)

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FLOW

## Fuel-level gauging and overfill protection



### RAIL TANK EQUIPMENT

Midland manufacturing is committed to continually supply the most durable and reliable valves and level measurement devices for the railroad, marine barge and ISO container markets.



Gauging Devices



Bottom Outlet Valves



Safety Relief Valves



Vacuum Relief Valves



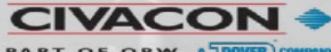
Needle Valves



Angle Valves



Miscellaneous Products



### DRY BULK PRODUCTS

Civacon specializes in components for pneumatic tank trailers, railcars, chemical and pharmaceutical plants, and any application that requires the processing, movement and storage of dry-bulk or liquid materials including butterfly valves, actuators, aeration systems, relief valves, hopper tees, couplers and manhole covers.



Butterfly Valves



Check Valves



Pipe Coupler



Pressure Relief Valve



Aerator Assemblies



Hopper Tees



Manhole Covers

FLOW

## Vapour recovery and technical support



**ELSONT**  
STORAGE TANK EQUIPMENT

Elsont designs and manufactures top quality above-ground storage tank equipment for improved storage, emission reduction and product containment.



Aluminium Dome Roofs



Pontoon Internal Floating Roofs



Seals for Floating Roof Tanks



Gauge Pole Covers



Floating Suction Lines & Skimmers



Floating Roof Drain Systems



**LARCO**  
LIQUID STORAGE TANK EQUIPMENT

Larco manufacture hi level, hi hi level alarm equipment , for overfill protection in the form of oil on water detectors and uniquely designed (SIL Rated) PLC Controls.



Optic Sensors



Oil-on-Water Detector



Docil Overfill Protection Sensor



**STORAGE TANK EQUIPMENT**

WLI focus on providing exceptional GRP Composite Floating Roofs, offering a reliable and future orientated solution to operate floating roof tanks considering all relevant management aspects.



GRP Full Contact Internal Floating Roofs

INSTRUMENTATION

## Water meters and pressure instrumentation



INSTRUMENTATION

## Flow measurement solutions



**IMPELLER WATER METERS**

APATOR – Founded in 1925 in Poland, manufacturers of many metering instrument types including the MWN Range of Hot & Cold bulk woltman water meters.



Cold Water



Hot Water



**PRESSURE, LEVEL AND TEMPERATURE MEASUREMENT**

APLISENS S.A. is one of the leading manufacturers of high quality process instrumentation. From the beginning it has concentrated on electronic pressure and differential pressure measurement technology. High quality, high flexibility and competent support to customers has always been their focus.



PC 28



APC 2000 ALW



APR 2000ALW

**LEVEL**



PCE 28P



SGE 25



APR 2000

**TEMPERATURE**



LI-24G



CT AL

INSTRUMENTATION

## Water-quality and level instrumentation



### Badger Meter

**ELECTROMAGNETIC FLOW METERS**

Badger Meter is a market leader in flow measurement technology with more than a century of innovation. Badger Meter serves water utilities, municipalities, and commercial and industrial customers. Measuring water, chemicals and other fluids, Badger Meter products are known for accuracy and long-lasting durability.



M1000



M2000



M3000/M4000



M5000  
Battery Powered



Blancett Turbine Meter  
Model 1100



Cox LoFlo series  
Turbine Meter



Turbine Meter  
Vision 3000



DFX



IS6000



DXN Hybrid Portable



TFX-5000



Industrial Oval Gear



EX Precision Oval Gear

INSTRUMENTATION

## Boiler-control instrumentation



**Cerlic**

**MONITORING INSTRUMENTS**

Cerlic instruments for on-line measurement and control are characterized by a high degree of quality, functionality and user-friendliness to provide information you can trust. They develop their products according to ISO9001 and ISO14001 standards.



CBX



ITX 20



CTX 2050



Multi Tracker- Portable central unit



**delta-mobrey**

**BOILER CONTROL LEVELS**

Delta Mobrey Limited is a global specialist in the design and manufacture of temperature, pressure and flow process control instrumentation, with particular expertise in level and boiler control.



Sequencing Blowdown Valve



Boiler Level Controls



Inductive Modulator Control Box



Modulating Control Valve



Hydrostep Control Box

INSTRUMENTATION

## Pressure, drives and flow monitoring



**CONTINUOUS LEVEL MEASUREMENT**

|                                                                                   |                                                                                   |                                                                                   |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |
| Universal Controller<br>DMCU900                                                   | Ultrasonic Transmitter<br>DMSP                                                    | Hydrostatic Level<br>Transmitter 9000                                             | Ultrasonic Transmitter<br>DMSP422                                                   |

**POINT LEVEL SWITCHES**

|                                                                                    |                                                                                      |                                                                                      |                                                                                      |                                                                                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|  |  |  |  |  |
| Vibrating Rod                                                                      | Dry Products Paddle<br>Switch                                                        | Magnetic Level Switch                                                                | Displacer Level<br>Transmitter                                                       | Ultrasonic Gap Level<br>Switches                                                     |

**PRESSURE SWITCHES**

|                                                                                     |                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| 230 Pressure Switch                                                                 | VM Pressure Switch                                                                  | P03 Pressure Switch                                                                 | 202 Pressure Switch                                                                   |

INSTRUMENTATION

## Thermal mass and process measurement



**DLM**

**PRESSURE TRANSMITTERS**

DLM's quality pressure transmitters are a high performance configurable solution to pressure measurement. The use of DLM's piezoresistive diffused silicon technology and analogue circuitry enables best in class performance for stability, low power and frequency response.



CS-PT 100



CS-PT 200



CS-PT 400-2



CS-PT 1100



**DLM**  
V-Drives

**VARIABLE FREQUENCY DRIVES**

DLM V-Drives control the latest generation of Permanent Magnet and Standard Induction Motors. DLM offers the AMC (Advanced Motor Control) and EPC (Efficient Pump Control) V-Drives which are available in IP20, IP55 & IP66 enclosures.



Advanced Motor Control (AMC)



Efficient Pump Control (EPC)



**ELETTA**

**FLOW MONITORS**

Eletta has been producing flow monitors for the past 70 years and has a strong reputation for longevity, derived from robust design and precision and is well suited to rugged industrial environments.



Paddle Switch



Liquid Flow Switch



S-Series



M3-Series



D-Series



V-Series

## INSTRUMENTATION

### Mass flow and moisture measurement



**THERMAL MASS FLOW INSTRUMENTS**

Fox Thermal Instruments provides a broad range of reliable, accurate and full featured Gas Mass flow meters to Industrial Control OEM's and end user customers.



Model FT 1  
(The Plug 'n Play)



Model FT 2A  
(Communications Specialist)



Model FT 3  
(Ideal for Offshore)



Model FT 4A  
(Perfect for Digesters)



Model FT 4X  
(Advanced Oil & Gas)



**PRESSURE GAUGES**

Founded in 1967, Precision Industries (now Precision Mass Products Pvt. Ltd) is one of the most recognized manufacturer of a wide range of Pressure and Temperature measurement instruments in India.



Gas/Mercury Filled  
Temperature Gauges



Bimetal Temperature  
Gauges



GFB Industrial PG



WPS Process PG



PG Utility Gauge



CPB Low Pressure  
Capsule Gauges



## L&N PROJECT EXPERIENCE

# Pumping and pipeline installations

Representative water-handling and pump-station work covering large-diameter pipework, pump sets, valves and plant-room integration.



LARGE-DIAMETER PIPEWORK AND VALVE INSTALLATION



MULTI-PUMP STATION AND MOTOR DRIVES



PUMP, COUPLING AND PROCESS PIPEWORK



PLANT-ROOM PIPELINE INSTALLATION

Project photographs supplied by L&N Group. Final scope and technical details are confirmed for each enquiry.



## L&N PROJECT EXPERIENCE

# Pumps, motors and control systems

Installed pumping equipment with local controls, motor drives, discharge pipework and operating interfaces.



LOCAL MOTOR CONTROLS AND SERVICE PIPEWORK



TWIN PUMP INSTALLATION AND DISCHARGE PIPEWORK



PUMP AND MOTOR INSTALLATION



MOTOR-DRIVEN CENTRIFUGAL PUMP INSTALLATION

Project photographs supplied by L&N Group. Final scope and technical details are confirmed for each enquiry.



## L&N PROJECT EXPERIENCE

# Valve manifolds and external pipework

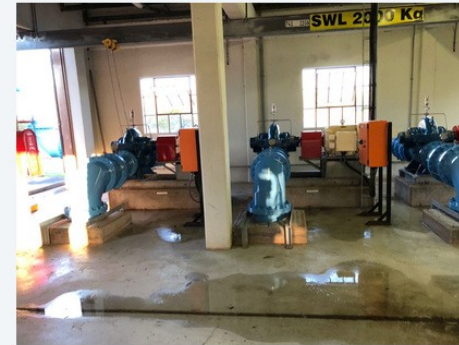
Above-ground pipework, isolation valves, manifolds and pump-station arrangements for water and process services.



EXTERNAL PIPEWORK AND SAFETY HANDRAILS



EXTERNAL VALVE AND PIPEWORK MANIFOLD



MULTI-PUMP STATION ARRANGEMENT



ISOLATION VALVES AND ABOVE-GROUND PIPELINE

Project photographs supplied by L&N Group. Final scope and technical details are confirmed for each enquiry.



## L&N PROJECT EXPERIENCE

### Civil works, access and safety finishing

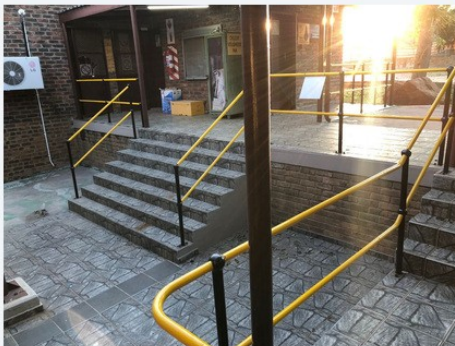
Supporting civil and access works including finished floors, tiled access routes, stairs, handrails and guarded process areas.



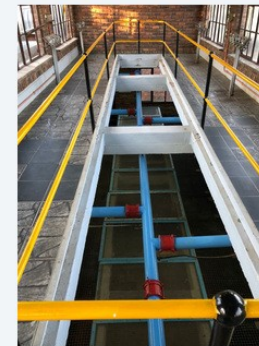
FINISHED CIVIL FLOOR AND ACCESS AREA



EXTERNAL PIPELINE AND TREATMENT INFRASTRUCTURE



TILED ACCESS STAIRS AND HANDRAILS



PROCESS CHANNEL, PIPEWORK AND GUARDED ACCESS

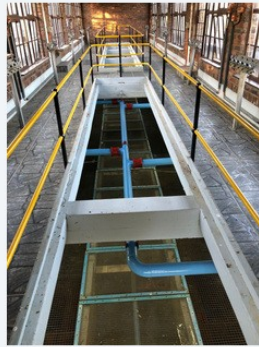
Project photographs supplied by L&N Group. Final scope and technical details are confirmed for each enquiry.



## L&N PROJECT EXPERIENCE

# Water-process channels and plant infrastructure

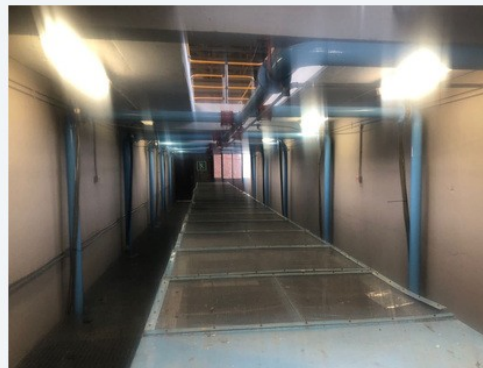
Process channels, distribution pipework and plant-room infrastructure completed as integrated mechanical and civil works.



WATER-PROCESS CHANNELS AND SAFETY RAILS



PUMP ROOM AND VERTICAL PIPEWORK



COVERED PROCESS CHANNEL AND DISTRIBUTION PIPEWORK

Project photographs supplied by L&N Group. Final scope and technical details are confirmed for each enquiry.



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PRODUCT ENQUIRIES

## Talk to L&N Group



**Let us help you identify the right product, repair or project solution.**

**[ntanga@lngrouping.co.za](mailto:ntanga@lngrouping.co.za)**

L&N Group VAT No. 4 110 322 130

Product availability, pricing, technical suitability and lead times are subject to confirmation at enquiry stage.