

Leaders in industrial automation supply





ALEC STANLEY - NATIONAL SALES MANAGER (NZ)

Treotham New Zealand is a leading supplier of high quality components and products to industrial markets.

Established in 1992, Treotham has gained immense recognition in supplying leading brands including igus, PMA, Wittenstein and many more.

As the exclusive distributor for the many international product lines, our customers gain from our local presence and the extensive knowledge and experience of our staff.

At Treotham New Zealand, we deal with our customers on the basis of a trusting relationship. As a leader in automation control we have a broad capacity to provide systems and solutions using a diverse range of products and components.

Our multiple warehouses in Auckland, Sydney, Brisbane, Melbourne and Perth which stocks over 1,000 different product lines, is governed by a rigorous supply chain management system.

This means that our efficient and capable logistics officers are working hard to ensure that you receive your order quickly, keeping you informed of its delivery time along the way. Often stock items are available for next-day delivery - if not, it is reassuring to know that our products are air-freighted on a weekly basis direct from our suppliers in Europe.

A fully equipped workshop facility with factory trained service and technical engineers provides fast and reliable service and custom-built solutions for special applications. Treotham Automation is also committed to embracing new technologies and pushing the boundaries of industry best practice to ensure they provide their customers with the highest quality products and service.



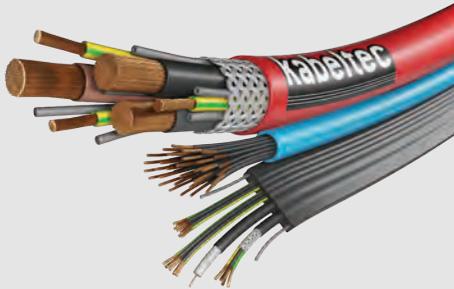
## Represented Partners

Treotham represents a variety of international companies who are market leaders in their respective fields. The quality and reliability of these products have made them the first choice for a broad range of industrial applications.

### Flexible Cables

Treotham Automation supplies an extensive range of electrical flexible cables. All of our cables are produced to the highest of standards.



- Control cables
- VSD/EMC cables
- Power cables
- Data cables
- Halogen Free cables
- High temperature cables
- Bus/DeviceNet cables
- Crane cables
- Curly cords
- Solar cables
- Single cores
- Instrumentation cables
- Flat cables
- Ship Cables



### Chainflex Cables

Chainflex cables are specially manufactured for use in energy chains. Their unique design ensures long life under the most extreme installation conditions. Advances in automation technology have demanded high flexible energy chain cables be more reliable and last. We supply a range of high quality igus chainflex cables including:



- Control cables
- Data, coax and thermocouple cables
- Bus cables
- Fibre optic cables
- Measurement/Encoder system cables
- Servo cables
- Power cables
- Pneumatic hoses
- Robotic cables
- Camera cables
- Network cables
- Sensor/actuator cables
- Drive cables



### Energy chains

Energy chains have the following task: secure supply of energy and data to moving industrial equipment. They are suitable for long travels, heavy duty environments, high loads and high speeds. We supply an extremely large and modular range of igus energy chains for every industrial application.



- Large size range
- Vertical travels
- Robotic, 3D and circular movement
- Energy tubes
- Hygienic chains
- Solutions for long travel
- Guide troughs
- Readychain
- Mass customisation



### Connectors

Treotham Automation offer a range of industrial connectors for many industries including stage lighting, railways and wind energy applications. We stock a range of connectors from different world class suppliers including:



- Rectangular multiple connectors from ILME
- Circular connectors specifically for the entertainment/stage lighting industry from Socapex
- Single pole Powerline connectors from TEN47
- M23 circular connectors from Hummel



### Flexible Conduits

We have been selling top quality PMA cable protection systems in Australia since 1993. The high quality products have earned us an excellent reputation and established PMA as the market leader worldwide. Our large range of conduits gives customers the protection they need in railway, mechanical engineering, mining equipment and shipbuilding applications.



- Conduits
- Conduit fittings
- Divisible systems
- Jumbo systems
- Conduit Accessories
- Braided cable protection
- Fire barrier solutions
- Food and beverage conduits
- EMC systems
- Ex, ATEX, IEC EX



### Cable Accessories

Treotham Automation offers a full range of cable accessories for a large range of applications. The product range includes:



- Cable glands
- Thread converters
- Tools
- Grommets
- Locknuts
- Inserts
- Blanking Plugs
- Liquidtite conduit
- Heat shrink
- Cable ties
- Marking systems



### Safety products

At Treotham we offer a wide range of first-class Safety products and services. Treotham is your partner in helping you create a complete safety concept from risk analysis and hazard assessment to project planning, implementation, and support.



- Safety relays
- Time delay relays
- Two hand relays
- Expander modules
- Programmable controllers
- Safe standstill/timer relays
- Emergency stops
- Magnetic coded sensors
- Plastic bodied gate switches
- RF sensors
- Mechanical interlocks
- Solenoid locking switches
- Bolts
- Safety edge
- Rope pull switches
- Multifunctional gate systems
- Safety light curtains
- Output devices
- Power supplies
- Electronic timer relays
- Electronic key systems



### Sensors

We supply a wide range of Wenglor intelligent sensor technologies as well as safety and image processing systems with state-of-the-art communication standards. The sensors are suitable for automotive and food companies, pharmaceuticals businesses and machine manufacturers. Companies in the field of conveyor technology, as well as in the beverages, woodworking, electrical, plastics, textiles and packaging industries, meet complex challenges with our innovative, high quality solutions.



- PNG Smart sensors - NEW
- Photoelectric sensors
- Ultrasonic sensors
- Inductive sensors
- Image processing and smart cameras
- Fluid sensors
- 2D/3D sensors
- 1D/2D barcode sensors
- Industrial communications
- System components and software



## Measuring systems and controllers

Treotham offers a range of ELGO measurement systems, position indicators and controllers for a variety of industry sectors. The range is characterised by large clear displays, simple installation and operation. The compact position controllers act as a human interface for a machine, taking feedback from encoders and sending control signals to drives, controlling the system to reach a demand position. The controllers have single and multiple axis versions.

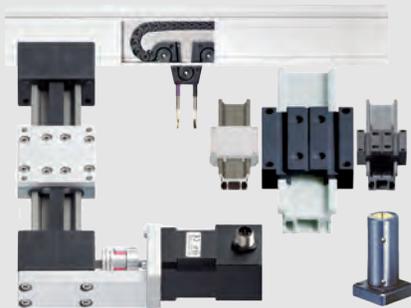


- Absolute measuring systems
- Rotative measuring systems
- Incremental linear encoders
- Magnetic tape and guides
- Battery powered position indicators
- Power supplied position indicators
- Position controllers



## Bearings

The igus polymer bearing range offers a wide variety of engineering solutions for a diverse range of applications. The polymer compounds are a maintenance free solution as they require no lubrication. There are compounds for high loads, extreme temperatures, underwater use, low coefficients of friction, chemical resistance, long service life and more.



- iglidur plain bearings
- iglidur special solutions
- iglidur 3D printer filament
- igubal spherical bearings
- xiros ball bearings
- drylin linear plain bearings
- drylin linear systems
- drylin leadscrews
- Robolink
- Smart plastics



## Gearboxes

As manufacturer of the world's first precision planetary gearbox, Wittenstein Alpha continues to create cutting-edge engineered technology for industrial, energy aerospace, simulation and beyond. Alpha planetary gearboxes offer a flexible, variable system consisting of several innovative components. Alpha planetary gearboxes have a high power density, low backlash and high torsional rigidity.



- Right angle gearboxes
- Rack and pinion systems
- Alpha IQ intelligent gear heads
- Low backlash planetary gear heads
- Servo actuators
- Couplings and shrink discs
- Belt pulleys
- Mechatronic system solutions



## Linear Units

Danaher Motion's linear units consist of products from the well-known brands of Thomson, Neff and Tollo. The range covers the smallest and most compact linear units to the biggest and most robust. They offer a wide range of ball screw and belt driven units using a variety of guide technologies, designed to work in harsh environments, at high speeds or in high precision systems.

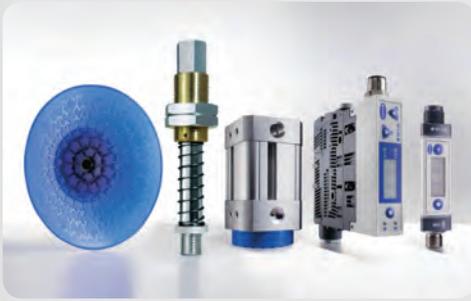


- Ball screw guides
- Belt drive, ball guides
- Belt drive, slide guides
- Belt drive, wheel guides
- Linear lift systems
- Linear actuators



### Vacuum Technology

A wide range of innovative vacuum components from suction cups to vacuum generation for the reliable handling of products in many industries. Vacuum clamping solutions from Schmalz offers an intelligent answer to the ever-increasing demand for greater productivity and economic use of CNC machine tools.



- Vacuum Cups
- Vacuum Generators
- Switches and System Monitoring
- Special Grippers
- Area Gripping Systems
- Mounting Elements
- Filters and Connections
- Vacuum Technology for COBOTS



### Handling and Clamping Systems

VacuMaster and Vacuum Tube Lifters offer ergonomic and safe manual handling of heavy and bulky work pieces. Each solution can be customised to individual requirements. The range offers solutions from layer and large-area gripping to ready to connect vacuum spiders for use in all areas of automation.



- Vacuum Tube Lifters Jumbo
- Aluminium Crane Systems
- Electric Chain Hoists
- Vacuum Clamping – Wood
- Vacuum Clamping – Glass
- Vacuum Clamping – Metal
- Vacuum Lifting Devices
- VacuMaster



### Conveyor Components

Interroll Drum Motors have been specifically designed for belt conveyors and associated material handling equipment in a wide range of industries and applications. Sizes range from 80mm to 800mm Diameter and can be customized to suit many needs. Interroll Roller Drives are configured systems free of external drive units, chains, drive shafting and expensive guard covers. Thus creating a safe, quiet and efficient option for material handling.



- Drum Motors
- Roller Drives
- Gravity Rollers
- Conveyor Modules



### Pneumatics

The complete and innovative product range offered by Pneumax offers intelligent solutions to all application problems. Beginning with air preparation units, moving on to air management devices such as manual and solenoid operated valves and finally through to actuators, cylinders and handling equipment; Pneumax can always offer the right product.



- Cylinders
- Valves
- Air service Units
- Fittings





**Supplier of Quality Electrical and Mechanical Components**



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