

## Industrial Automation Components

**acme**  
we pioneer the future

# Automation at Acme

Since 1975, Acme has been bringing a wide range of industrial automation components to the region. At our full-fledged manufacturing facility in Jebel Ali, Dubai, we manufacture complete automation solutions including conveyor systems, AS/RS and special purpose machines as well as fabricating conveyor belts and pneumatic solutions tailored for individual requirements.



# Why automation

## Increased Savings

Reduction of energy & labour cost

## Higher Accuracy

Just in time material flow &  
highest picking accuracy

## Higher Visibility & Control

Through system integration with IT solutions

## Modular Design

Possibility for future expansion &  
adaptable to changes

## Increased Productivity

Increase in production, throughput &  
storage capacity

## Increased Safety

Minimised accident rate & product damage

## Increased Hygiene

End-to-end traceability and better quality control

## Environment Friendly

Reduction of emissions and energy costs  
& food wastage

## Automation Components

Discover our range of automation and semi-automation components. By partnering with industry leaders, we assure you of access to the highest quality technology that your operation needs.

Our highly trained product engineers can assist you in choosing the right product for your specific application.

Electronic Sensors

Image Processing

Vacuum Handling

Pneumatics

Conveyor Components

Accident Prevention

ASI Solutions

Robotics

Grippers

Order Picking

Compressed Air Solutions

Fluid Sealing



## Sensor Technology

Explore a variety of industrial sensors and identification components by our partner [Leuze](#), providing reliable, durable products for multi-industry applications.

### Switching Sensors



### Identification components



### Data transmission & control components



### Industrial image processing components



## Vacuum Handling Technology

[Schmalz](#) is the market leader in vacuum automation and ergonomic handling solutions, offering a wide range of reliable, powerful vacuum components and systems.



# Pneumatics

Discover reliable and customisable, pneumatic components for automation systems by the industry experts **Metal Work** and **Alfanumatic**.

## Pneumatic drives



## Distribution Valves



## Actuated valves



## Compressed Air Preparation Components



## Pneumatic Fittings



## Pneumatic Tubing



# Conveyor Belts & Metal Conveyors

Habasit conveyors and processing belts offer a large variety of application, including resistance to wear or chemical agents, and to high and low temperatures.

Bakery & Confectionery belts



Meat & Poultry belts



Clean drive belts



Plastic modular belts



Seamless belts



Fabrication tools



Timing belts



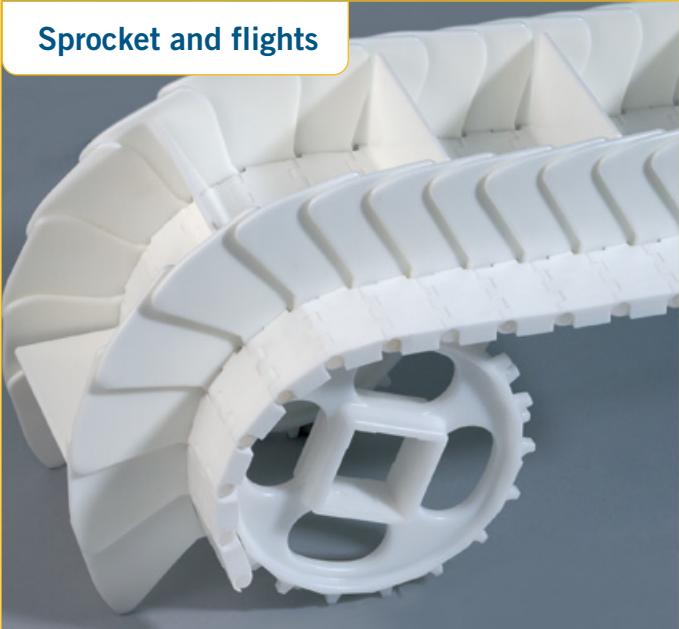
Machine tapes



Round belts



Sprocket and flights



Power transmission belts



Guides and wear strips



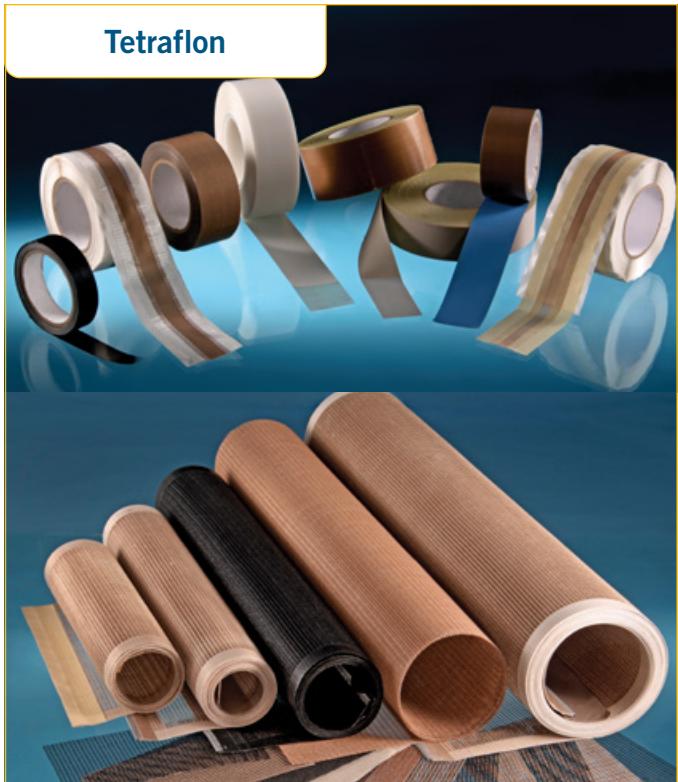
**Flexco** mechanical belt fasteners combine strength and durability with affordability and easy installation. Choose from a wide range of options for both heavy- and light-duty applications.

**Tetraflon** belts are made of Fiberglass, Kevlar or Nomex coated with PTFE providing excellent mechanical, thermal and chemical resistance.

**Flexco**



**Tetraflon**



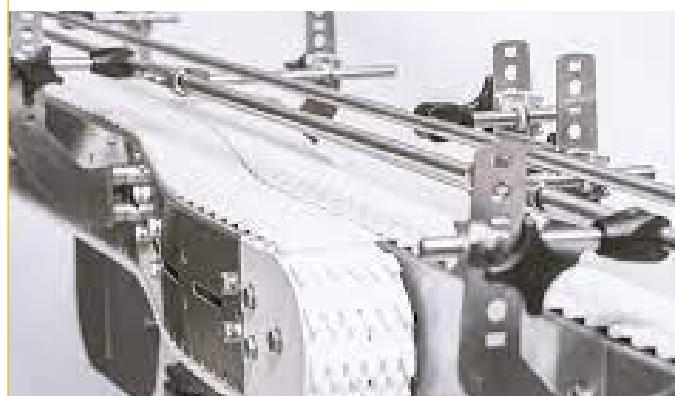
Modular conveyor systems from **Flexlink** are available for widely varying requirements. It is possible to change direction, either vertical or horizontal.

Also available variety of steel mesh belts made for heavy loads, small, unstable or fragile products and special applications.

**Flexlink**



**Steel Mesh belts**



# Machine Guarding, Partitioning, Impact Protection

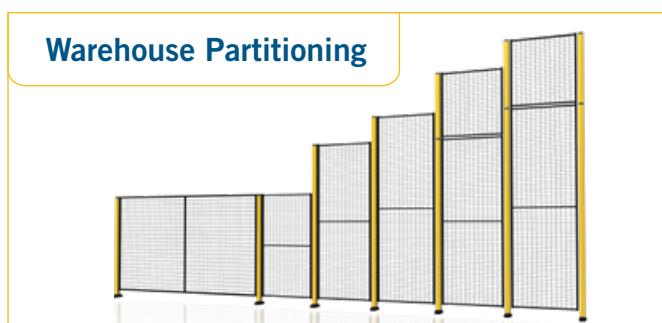
**Axelent** is an expert when it comes to safety. Explore a range of modular industrial fencing solutions that are easy to assemble and can be provided with a large selection of doors, locks and accessories.



Machine Guarding



Cable Routing



Warehouse Partitioning



Impact Protection

## Safety Devices

We provide a wide range of highly reliable safety devices from one of the leading European manufacturers, **Pizzato Elettrica**.



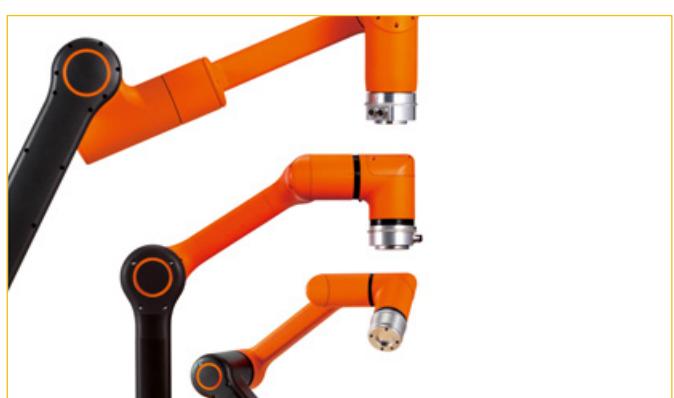
## AS Interface Components

Discover a range of components for functional safety and data communication in machines and plants, such as AS-Interface by **Bihl + Wiedemann**.



## Collaborative Robots

**Hanwha** collaborative robots can be applied to any industry and offer a wide range of applications such as pick & place, machine tending, assembly, palletising, packaging, etc. It can easily manage repetitive, dangerous tasks, is easy to control and re-deployable to other applications.



## Collaborative Robotic Solutions

Explore a wide range of collaborative applications by the market leader **OnRobot**, including finger, magnetic, pad and vacuum grippers as well as sensors and tools.

**OnRobot** also provides special solutions for palletising applications, including a long-stroke, high-payload elevator for your cobot or light robot, palletising grippers, pallet stations and more.

Vacuum gripper solutions are also available from **Schmalz**.

**Mech-Mind Robotics** offer 3D vision cameras, machine vision software and intelligent robotic solutions for vision-based applications such as bin picking, (de)palletising, assembly, inspection and more.

Robotic grippers



Robotic palletising solution



3D AI vision camera



## Autonomous Cleaning Robots

**Gausium** is a manufacturer for high-end autonomous cleaning robots, providing latest technology in cleaning solutions that can co-work with humans.



## Automated storage & order picking solutions

**Kardex** Vertical Shuttles, Buffers and Carousels allow for faster order processing and optimised warehouse space.

**Vertical Shuttle**



**Frame Picking**



**Vertical Buffer System**



## Air Compressors

**Renner Kompressoren** stands for reliability, robustness and energy efficiency. Our partner offers a wide range of compressed air solutions at highest quality standard.

**Screw compressors**



**Oil-free compressors**



**Piston compressors**



## Compressed Air Networks

From industrial vacuum to 16 bar, we can design, supply and install innovative systems for compressed air, water and neutral gases circuits for industrial buildings. These systems incorporate the latest technologies of rapid connection fittings, aluminium or stainless steel pipes.



## Fluid Sealing Solutions

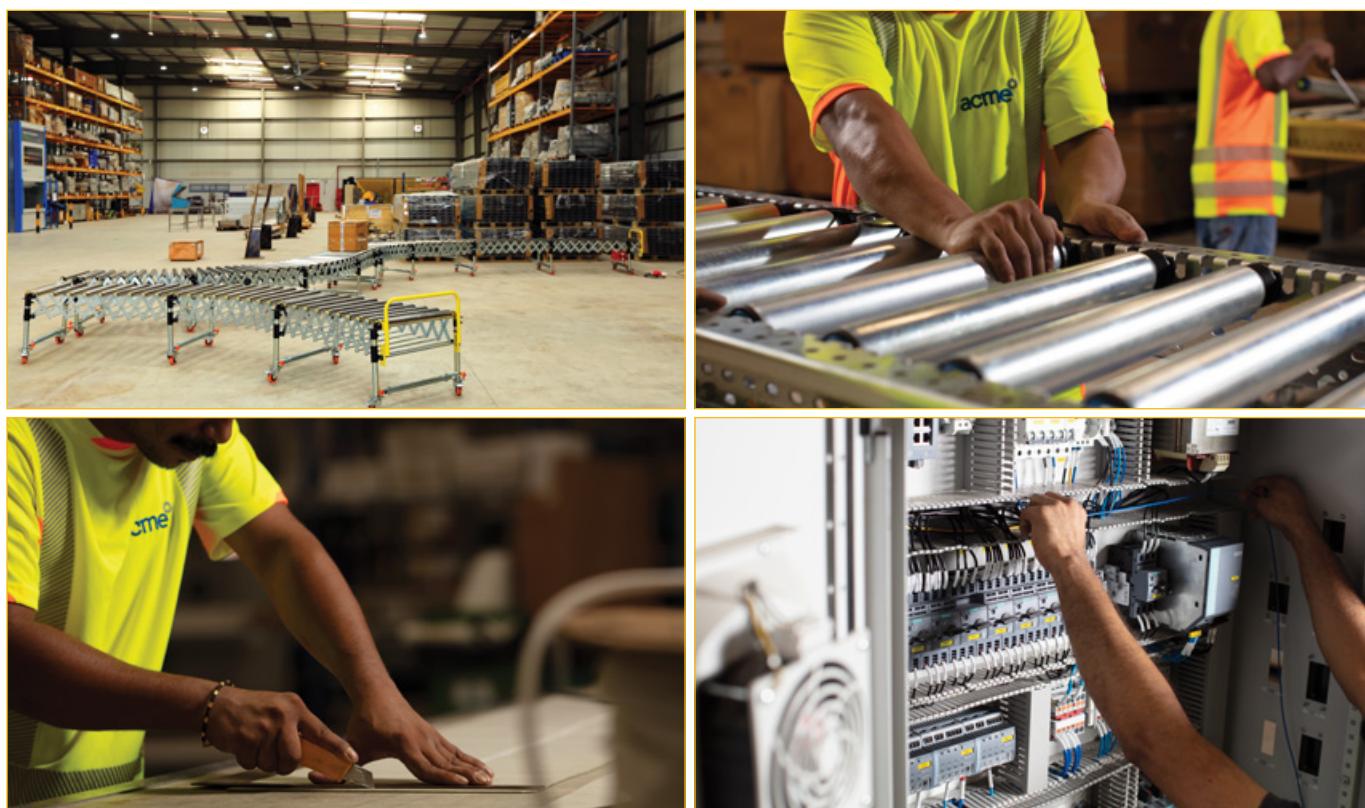
Talustech industrial fluid sealing solutions include environmentally friendly gland packings, jointings and gaskets. The packings and gaskets offer maximum reliability and low leakage rates.



## Other custom automation products

Contact our expert team to learn more about **Acme's** range of custom conveyor systems from roller conveyors to belting.

Discover also our range of control cabinets and special purpose machines designed & manufactured at our UAE facility.



# About Acme



## Largest regional material handling solution provider

Based in UAE since 1975 with offices in India, Germany, Colombia & KSA

## An expert in optimising operational efficiency

More than 3,000 projects handed over since 1999

## The hub for specialists

140+ employees, with 50 engineers

## An advocate for quality commitment

TUV Nord certified: ISO 9001:2015,  
ISO 14001: 2015 & ISO 45001: 2018

## A pioneer in everything we do

Middle-East's First SAP HANA Cloud platform equipped enterprise



## Access to the best global technology and experience

Strong partnerships with key global suppliers for fast delivery

## Local manufacturing & testing

Production & assembly of advanced intralogistics + factory automation systems in Dubai

## Reliability & Performance

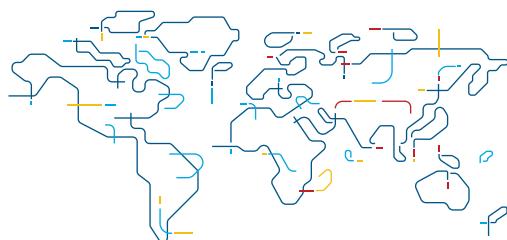
Solutions that deliver on optimisation & cost-efficiency needs

## Setting industry benchmarks

Combining proven practices & development of new concepts for the best outcome

## Customer care

Solutions tailored to your needs, continuous service & access to our local experts



## The Acme Group

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