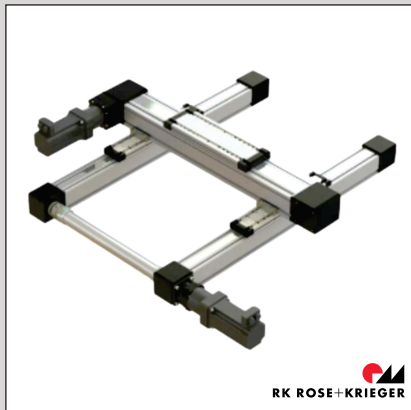


Automation Modules & Intra - Logistics Solutions Backed by Comprehensive Range of Components



RK ROSE+KRIEGER

- Aluminium Profile Technology
- Connecting Technology
- Linear Technology
- Pipe Racking Systems
- Conveyor Technology

Phoenix Mecano India Pvt. Ltd.

www.phoenixmecano.co.in

ABOUT US



Phoenix Mecano India Pvt. Ltd. has been in the forefront of developing innovative and optimal solutions for customers from last 25 years. Backed by decades of experience in manufacturing high quality industrial components spanning a range of applications and strong German roots, Phoenix Mecano's enriching journey in India has made it unique as a partner to our customers.

Phoenix Mecano India is uniquely positioned as part of a global network of PM Group companies under the PM Global Brand. Our component business ranges from enclosures, mechanical components, power quality equipments and industrial computing. PMI believes in sustainable and profitable growth by collaborating with customers to solve their needs, backed by the world class manufacturing facilities around the world.

Phoenix Mecano Group

The Phoenix Mecano Group is a global technology group based out of Switzerland with strong German roots of engineering, manufacturing and solutioning. PM group's focus is providing end to end solutions backed by quality conscious high precision and cost optimal manufacturing of niche products. The group is present around the globe with more than 60 locations in 6 continents. The group's most important markets include automotive, machinery, oil & gas, defence, power distribution, electronics & white goods manufacturing and renewable energy.

Vision

To be a specialised supplier of world - class industrial components and related solutions, meeting stringent industrial requirements and exceeding customer satisfaction benchmarks. We shall strive to be in the top two players in each market segment, we operate. To be a modern and lean production facility with a globally connected & optimised supply-chain, innovating new products and processes thereby, generating sustainable returns for all stakeholders.

Mission

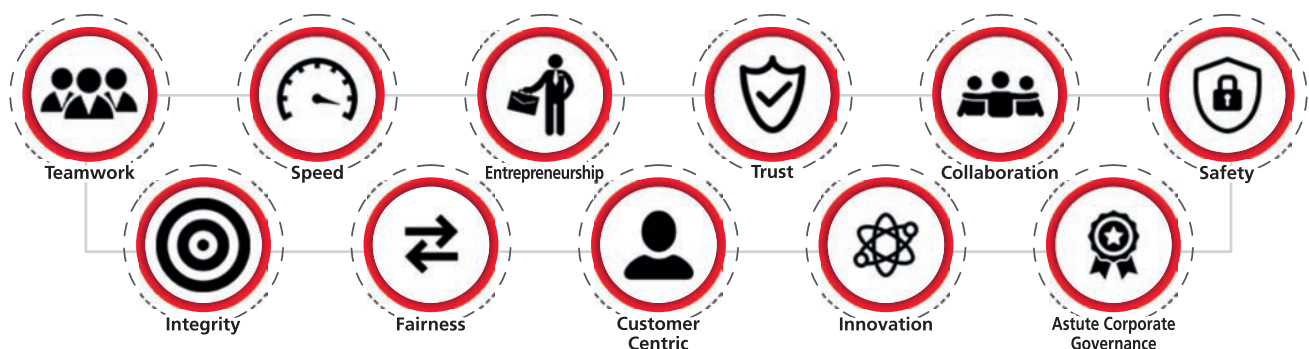
We aspire to be a customer centric organization, our success hinges on a couple of key factors, know-how in product development, accumulated and mastered over years, coupled with intensive and collaborative working with customers and supplier, based on trust and long-terms relationships.

A company that's continuously, innovating and improving performance, in each product and process.

Add value in Phoenix Mecano's global sphere, by establishing ourselves in the local markets, in parallel, providing a dependable and agile production hub to the group companies world-wide.

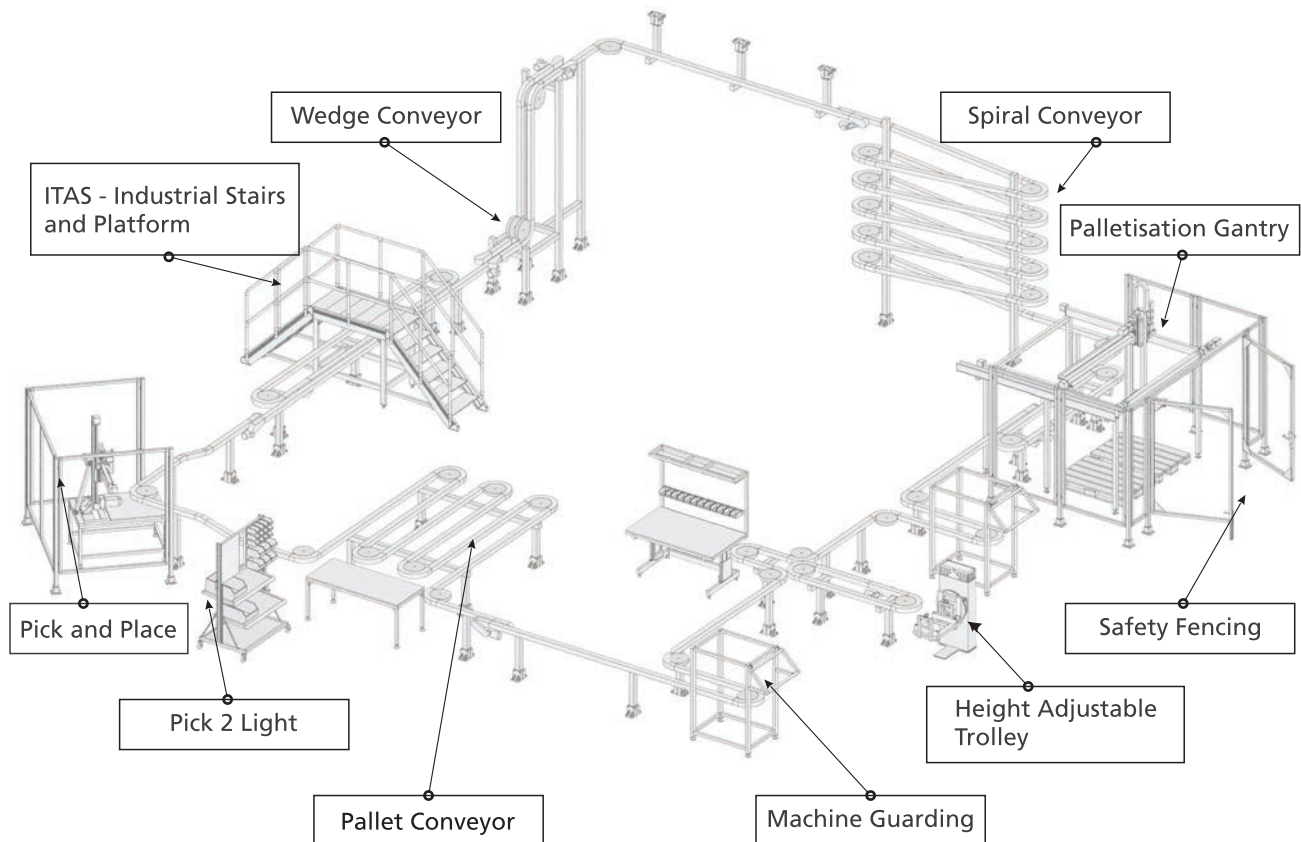
Develop, retain and harness knowledge, which can be leveraged for future growth. Create a highly energetic & modern organization with a culture of trust, caring, continuous learning, up-skilling and empowerment across the organizational pyramid.

Values



OUR OFFERINGS

COMPREHENSIVE TURNKEY SOLUTIONS



COMPONENTS



ALUMINUM PROFILE TECHNOLOGY

- ✓ Structural Profiles
- ✓ Heavy Duty Profiles
- ✓ Functional Profiles



LINEAR TECHNOLOGY

- ✓ Linear Units
- ✓ Electric Cylinders
- ✓ Lifting Columns



CONNECTING TECHNOLOGY

- ✓ Light Clamps
- ✓ Robust Clamps
- ✓ Solid Clamps



PIPE RACKING SYSTEMS

- ✓ Various roller tracks
- ✓ Mounting accessories
- ✓ Dcoated, Aluminium and SS pipes



CONVEYOR TECHNOLOGY

- ✓ Modular Chain Conveyors
- ✓ Belt Conveyors
- ✓ Roller Conveyors

PROFILE TECHNOLOGY - BLOCAN®

APPLICATIONS

Workstation Systems

Ergonomics reduce stress & absences

- Static or height-adjustable
- Impact loads, ESD & "telescope" versions
- Can be upgraded flexibly with RK modular system



LEAN Solutions

Innovative process structuring

- Tailored individually to the process
- Modular construction
- Ergonomic design
- One-piece flow



Pick to Light Workstation

Innovative Assistance System

- Sensors indicate working steps & defects visually
- The software can be used to simply call up & enter new jobs
- Simple installation & commissioning
- Zero defect & higher productivity



Protection and Partitioning Systems

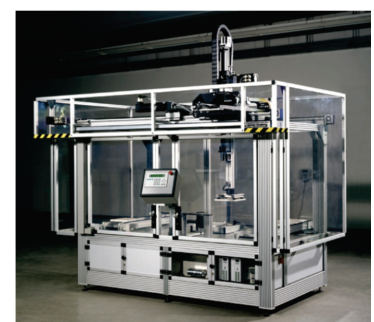
Safety with visual appeal

- Sturdy protection system in aluminium design
- Minimum designing efforts
- Assembly without machining



Customise System Solutions

- Everything from single source
- Multi-Axis System
- Material Handling System
- Machine Housing





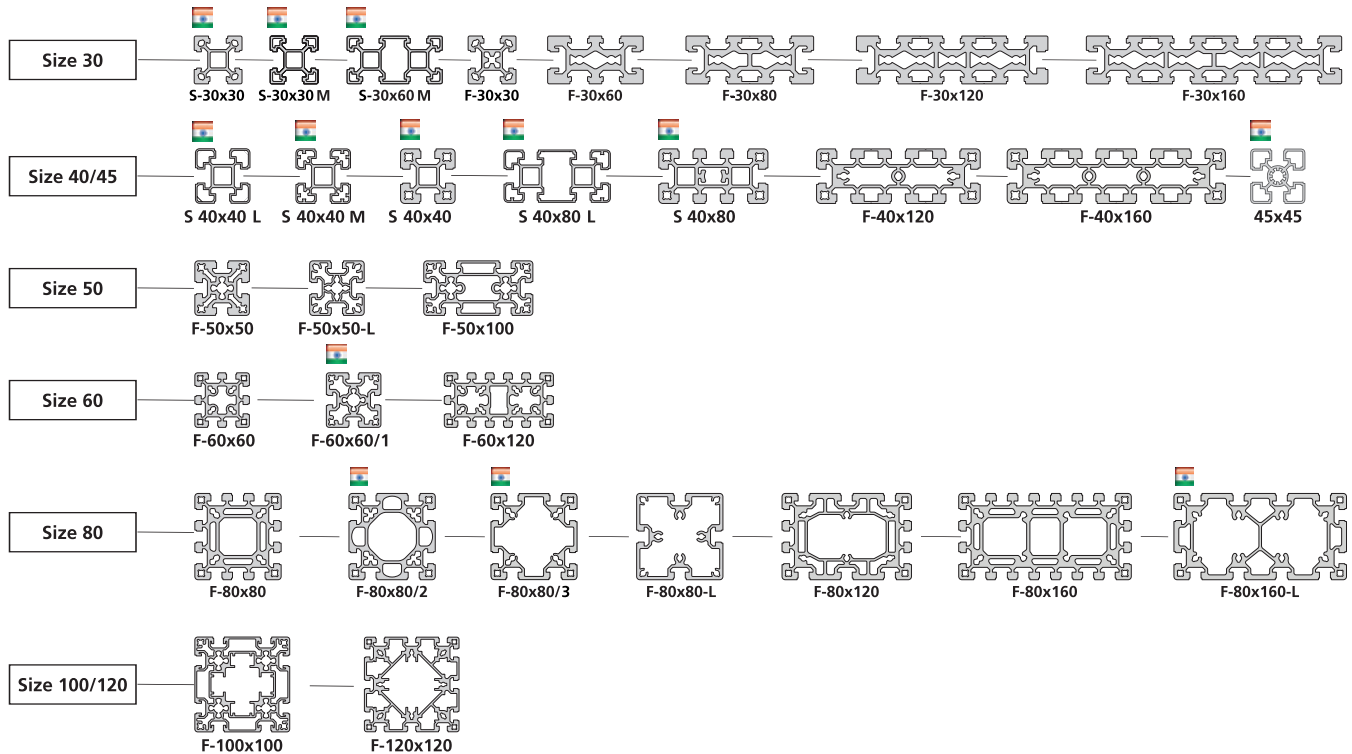
PROFILE TECHNOLOGY - BLOCAN®

RK Rose+Krieger GmbH, a Phoenix Mecano company, is a leading developer and manufacturer of high-grade components in the field of linear, profile, connecting and modular technology and solutions for automation and production applications.

- ✓ Combine, assemble, modify
- ✓ Highly reliable connections
- ✓ Highest levels of variability, without machining

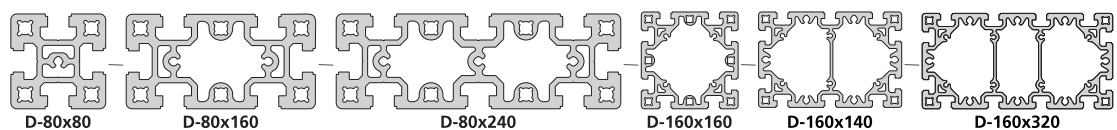
Structural and Functional Profiles – Stable versatile structures

- Fixing slots on all sides design effort
- Cost optimisation
- Minimized design effort

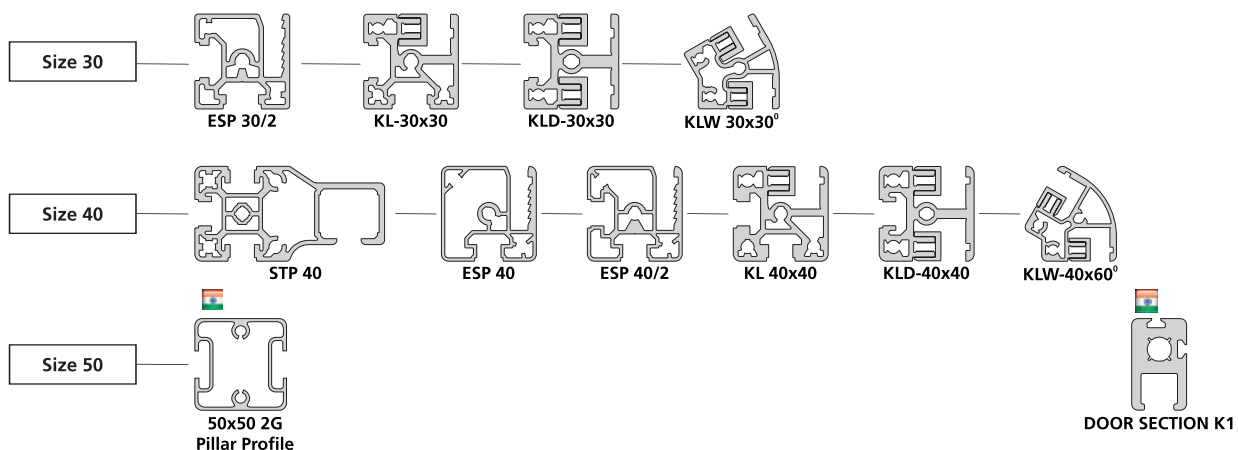


Heavy Duty Profiles

- High dynamic
- Easy transportation
- Large structures

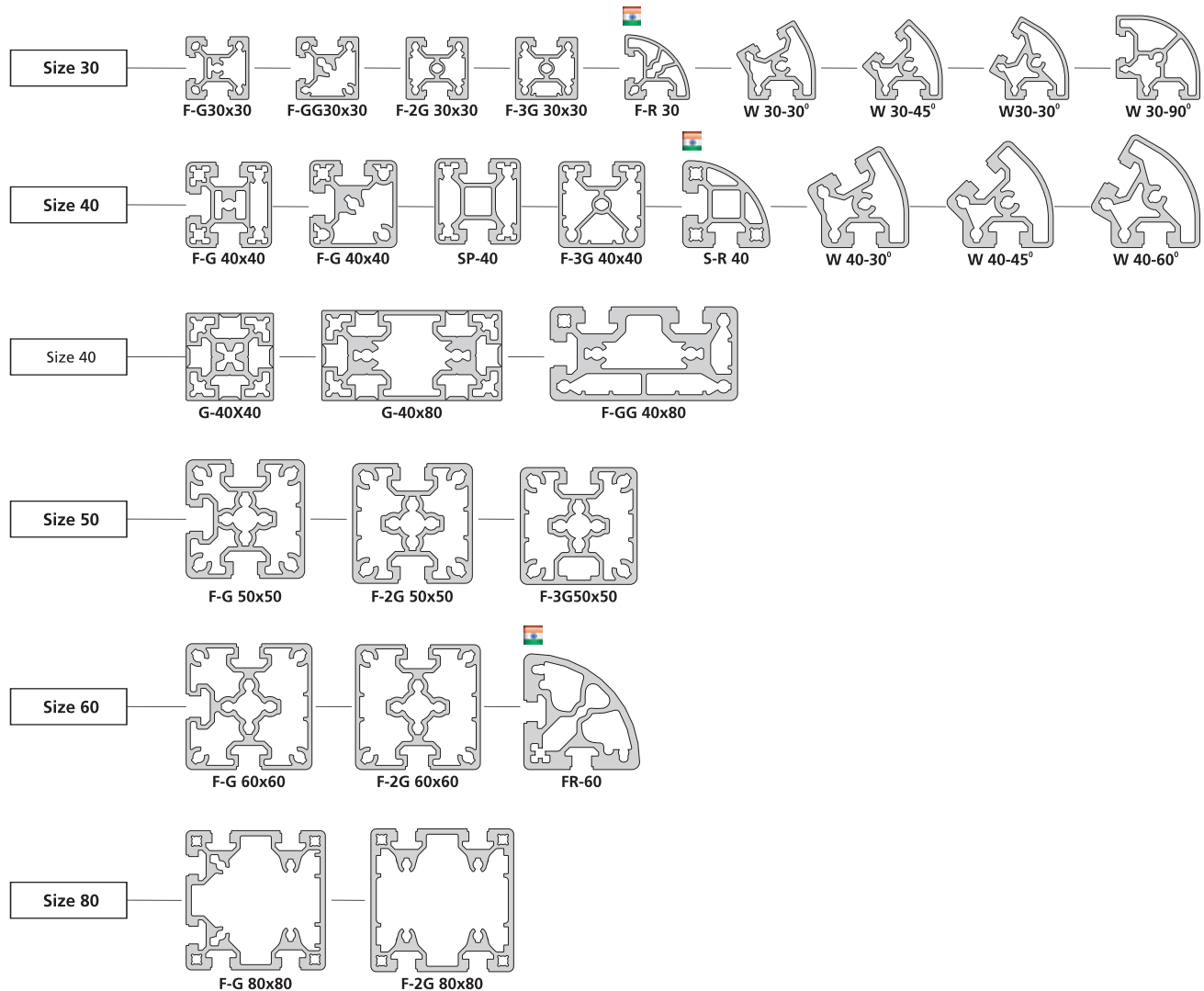


Frame Profiles

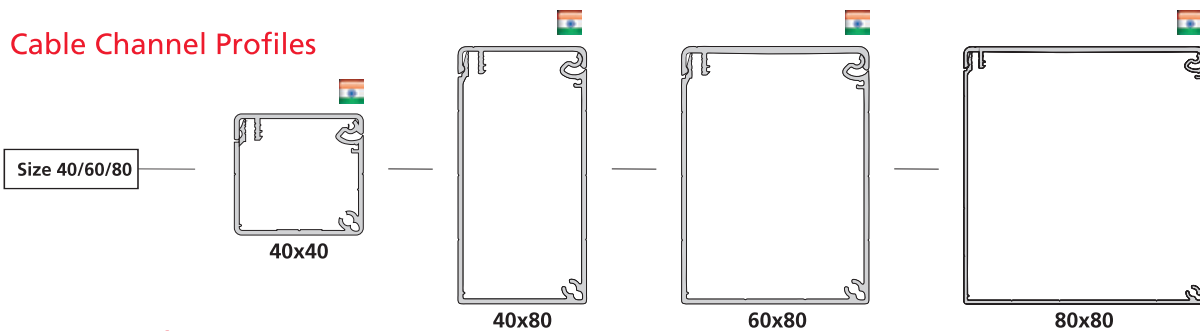


Visible Design Profiles – Additional visual and functional benefit

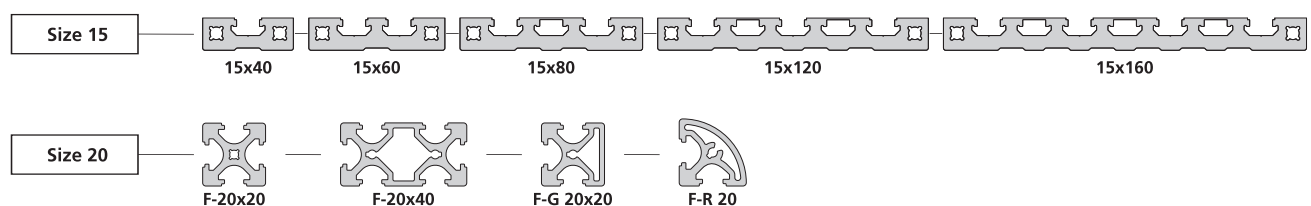
- Attractive design
- Flexible
- Many additional functions



Cable Channel Profiles



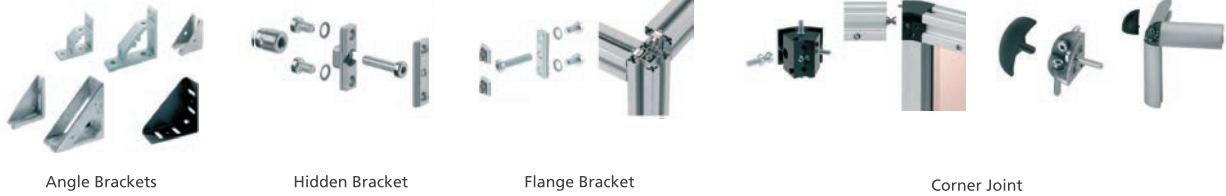
Special Profiles



PROFILE TECHNOLOGY - BLOCAN®

ACCESSORIES

Right angle connections



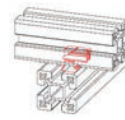
Angle Connections



End to End and Parallel Connections



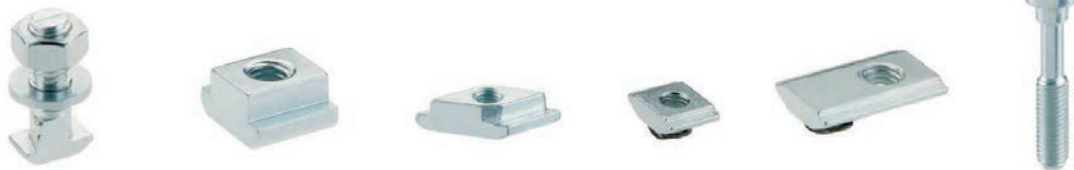
Cross Connections



Cable Channel Profile



Slot Stone and Screws



Profile Coverings



Surface Elements and Accessories



Foot, Castor, Hinges



CONNECTING TECHNOLOGY

Light Clamps

Light load range

- Light Weight
- Easy Construction
- Good Value



Solid Clamps

Medium to heavy load range

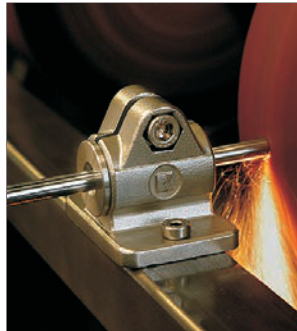
- Reliable
- Great Variety
- Performance & price - optimised



Robust Clamps

Shock-proof load range

- Extremely strong
- Vibration proof
- Impact and shock load
- Corrosion resistant



Monitor Mounting

- Universal or VESA connection
- Rotary/ swivel function
- Monitor holder/ support arm suitable for combination
- Excellent value for money



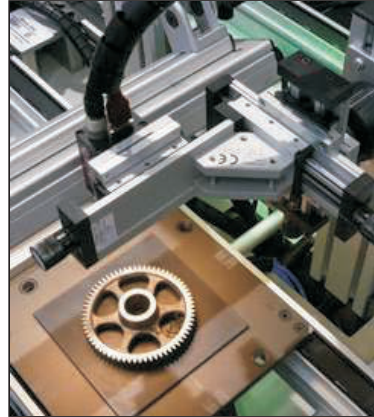
LINEAR TECHNOLOGY

APPLICATIONS

Move-Tec

Acme/ Trapezoidal
Screw Driven
Width, length and
height adjustment

- Manual or electric drive
- Low duty cycle
- Low speed
- Medium to high stability



Place-Tec

Timing Belt Driven
Loading unloading,
palletising, pick & place

- High repeatability
- Short cycle times
- High cycle rates
- 3 shift operation
- High reliability

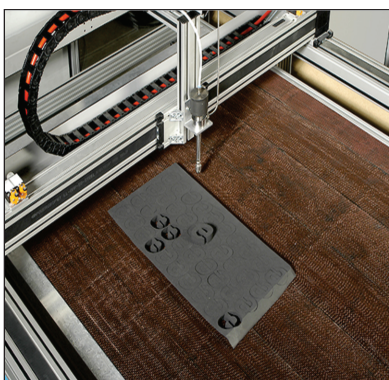
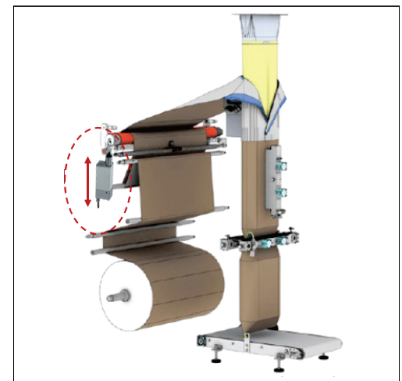
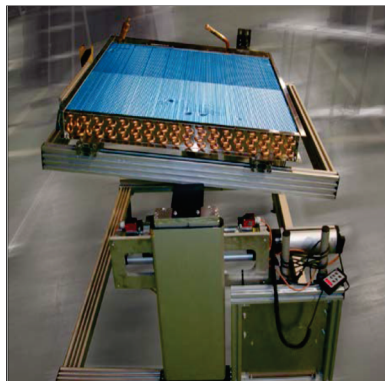
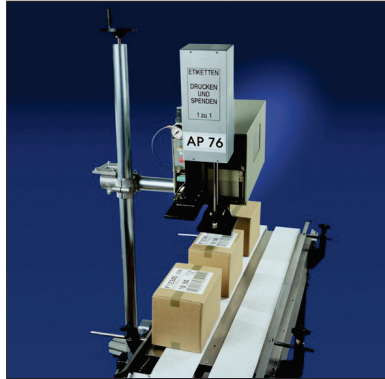


Control-Tec

Ball Screw Driven
Numerically controlled
positioning applications

- High positioning accuracy
- Uniform motion
- High drive stiffness
- 3 shift operation
- IP 40 protection class





Lifting Columns

Height adjustment made easy for

- Ergonomics in the workplace
- Industrial Automation



Electric Cylinder

The alternative to pneumatic/ hydraulic cylinders

- Fully integrated maintenance-free technology
- Self-locking, even under max. load
- Installation in any position
- Various stroke lengths and speeds



Customise System Solutions

- Multi-Axis System
- Highly Precise & Dynamic System



PIPE RACKING SYSTEMS

APPLICATIONS

Material Transfer Trolley and Rack



Workstation



Customised Solutions

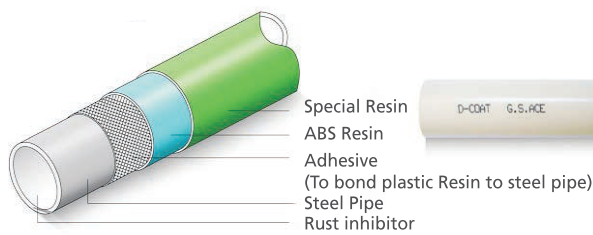


PIPE RACKING SYSTEMS

GS ACE Industry Co. Ltd in collaboration with Phoenix Mecano India is a leading company specializing in the production of Pipe Racking Systems.

- ✓ Lean manufacturing conceptualized into warehousing solutions
- ✓ Exclusive dealership from G.S.ACE, South Korea
- ✓ Highly modular and flexible

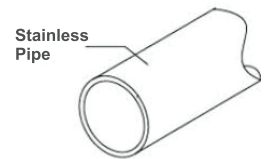
Pipes



Dcoat Pipe



Stainless Pipe



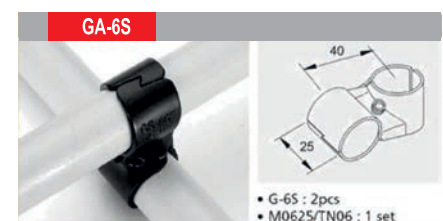
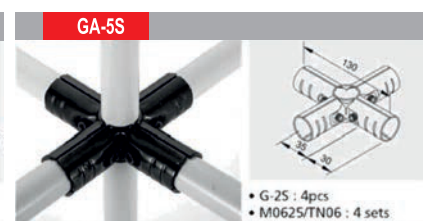
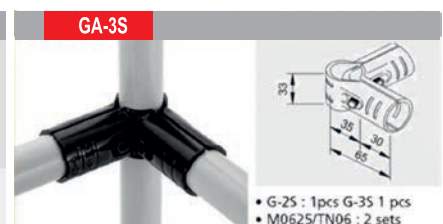
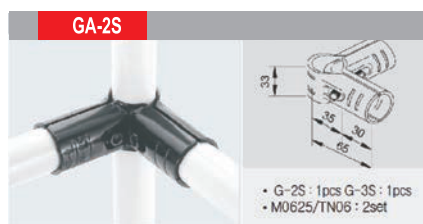
Aluminium Pipe

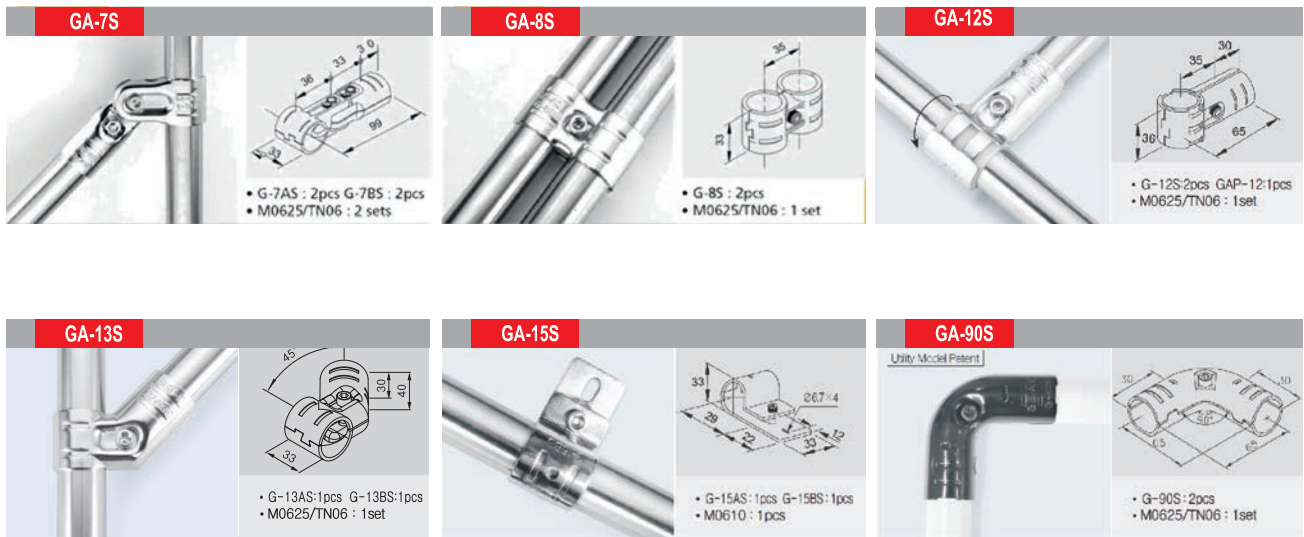


Eco Pipe

Thickness			
Dcoat Pipe	Stainless Pipe	Aluminium Pipe	Eco Pipe
0.7	0.8	1.2	0.7
0.9	0.9	2.9	0.9
1.2	1.2		1.2
2.0			2.0

Metal and Aluminium Joints

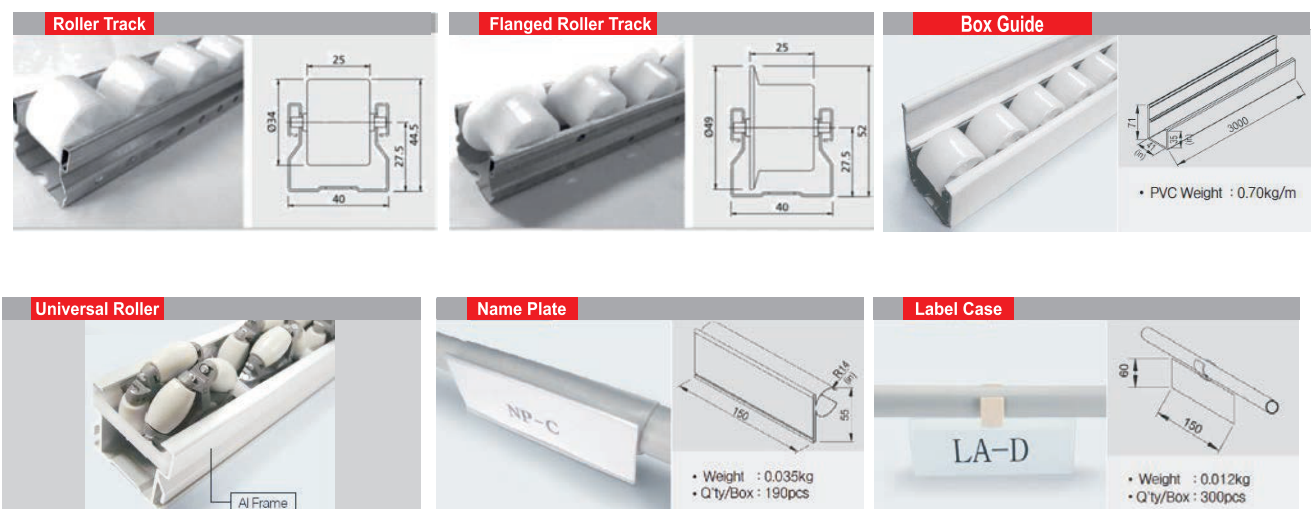




Aluminium Joints



Roller Tracks and Accessories



CONVEYOR TECHNOLOGY

APPLICATIONS



Belt Conveyor

- Built using modular AL frames saving assembly time
- Easy modification of conveyor layout
- Food grade belts are available
- Special accessories are available to build inclined conveyors

Roller Conveyor

- Different types and sizes of rollers are available.
- Powered and gravity rollers conveyors can be designed.
- Modular system allows flexibility in layout and assembly.
- Arrangement of rollers as per product size and shape.



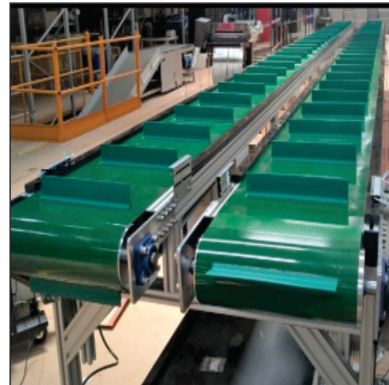
Slat Chain Conveyor

- Configurable in Single track, Twin track and Multi track systems
- Well suited for manual or automatic assembly and test systems in a variety of applications and industries
- Different accessories like Pallets, stoppers and locating stations are available
- Integration with Robots or pick and place systems

APPLICATIONS



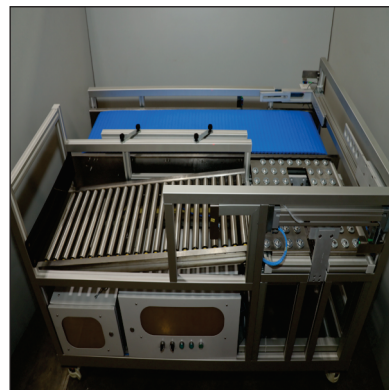
BELT CONVEYOR



CLIT TYPE BELT CONVEYOR



ROLLER CONVEYOR



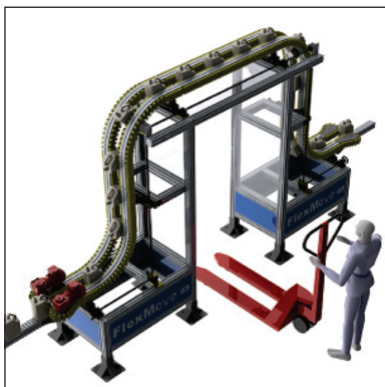
ROLLER CONVEYOR



SPIRAL CONVEYOR



PALLET CONVEYOR



WEDGE CONVEYOR

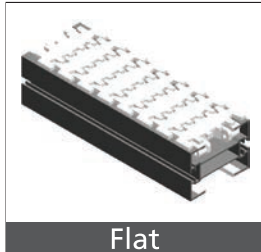


TWIST CONVEYOR

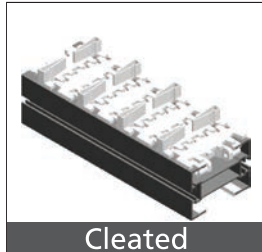
CONVEYOR TECHNOLOGY

Phoenix Mecano India, in association with Dorner, a leading manufacturer of packaged and custom conveyor systems, provides solutions for industrial, packaging, and sanitary conveyor automation needs.

PLASTIC CHAIN CONVEYORS



Flat



Cleated

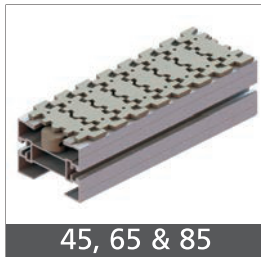


Friction Top

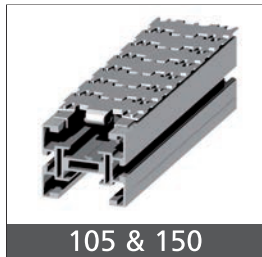


Roller Top

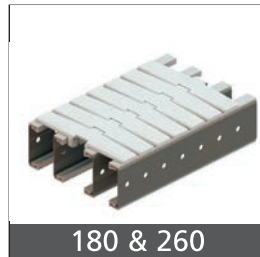
ALUMINIUM FLEXIBLE CHAIN CONVEYORS



45, 65 & 85



105 & 150



180 & 260



FX Series



ACCESSORIES



Guide Rail



Diverter



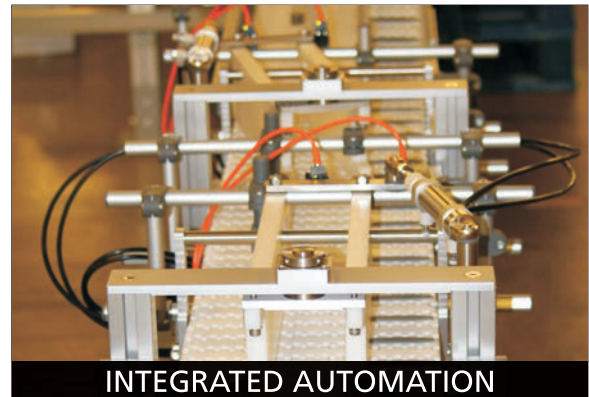
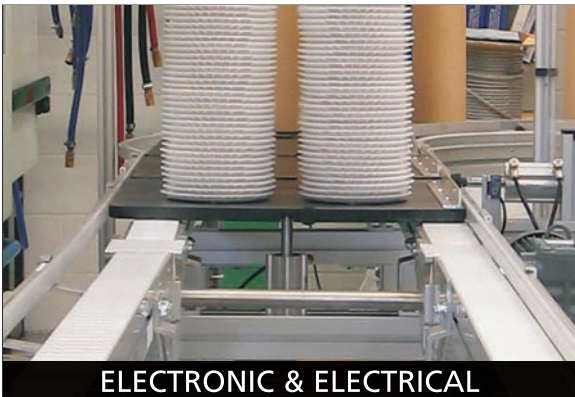
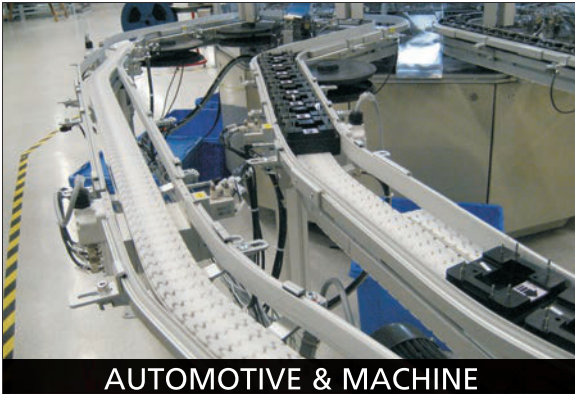
Pallet Lifter & Locator



Pallet System

CONVEYOR TECHNOLOGY

INDUSTRIES SERVED



Engineering
Solutions
for **YOU**
with

NCR :

Plot No. 125, Sec. 5,
IMT Manesar,
Gurgaon - 122050, India
☎ +91 124 4200 891

Head Office :

388, Bhare, Taluka Mulshi,
Pirangut Industrial Area,
Pune - 412115, India
☎ +91 20 6674 5000

Domestic Business Unit :

408, Urse, Taluka Maval,
Talegaon Urse Road,
Pune - 410506, India
☎ +91 2114 258 000

Chennai :

Plot No. 111, P.H. Road,
Near SRS Kalayana
Mandapam, Velappanchavadi,
Chennai - 600077, India
☎ +91 44 2649 2280

Bangalore :

Plot No. 103, Shade B,
KIADB 2nd Phase, Jigni Industrial
Area, Bangalore - 562106, India
☎ +91 96203 55665

We specialise in innovative and customised solutions in
material handling, factory automation and many more applications.
Collaborate with us for solutions and components
required for your specific needs at -
info@phoenixmecano.in

