



A Phoenix Mecano Company

Rose Systemtechnik GmbH
a Phoenix Mecano Company

Corporate Presentation

July 2025

www.rose-systemtechnik.com

- Established 1969
- 1,100 employees worldwide
- 65.2 M€ sales in 2020
- 110 M€ consolidated TO in 2020

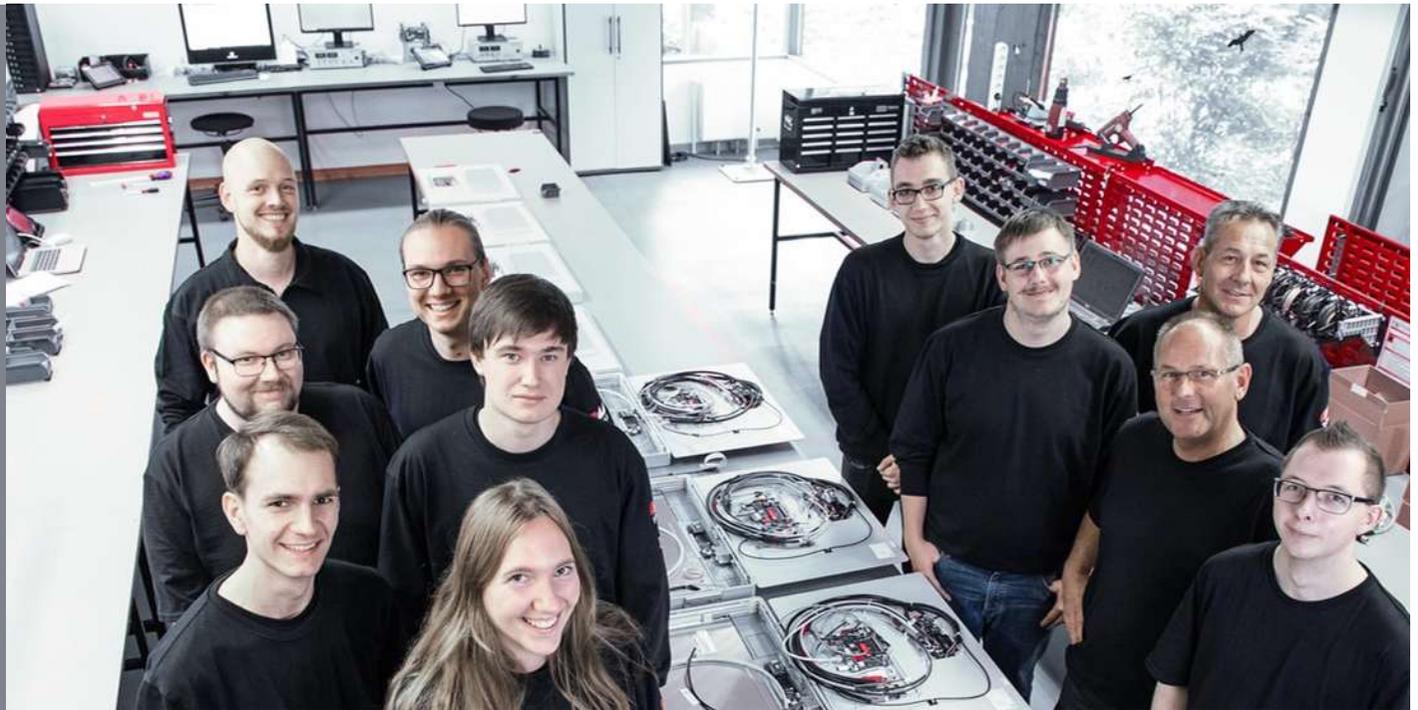
ROSE Porta Westfalica

- Porta Westfalica with 330 people
- 120,000 Orderlines per year
- 14,000 customized enclosures/week
- 100 production orders per day



ROSE Hohenlockstedt - HMI Division

- Panel PCs
- IPCs
- Box PCs
- Tablet PCs
- Customized HMI Solutions



ROSE Finow

- Suspension Systems
- Control Systems
- Height Adjustable Systems
- Stand Systems



The Phoenix Mecano Group

The Phoenix Mecano Group is a global technology company and is present at more than 60 locations worldwide, on all six economically relevant continents.

- €779 million EUR turnover in FY24
- 7,500 employees
- Worldwide footprint and local subsidiaries
- Operations and sales companies
- Manufacturer of enclosures and electro-mechanical components



The Phoenix Mecano Group

Phoenix Mecano Hungary (Kecskemet)

- Staff: 900
- Production area: total 32,000 m²

Phoenix Mecano India (Pune)

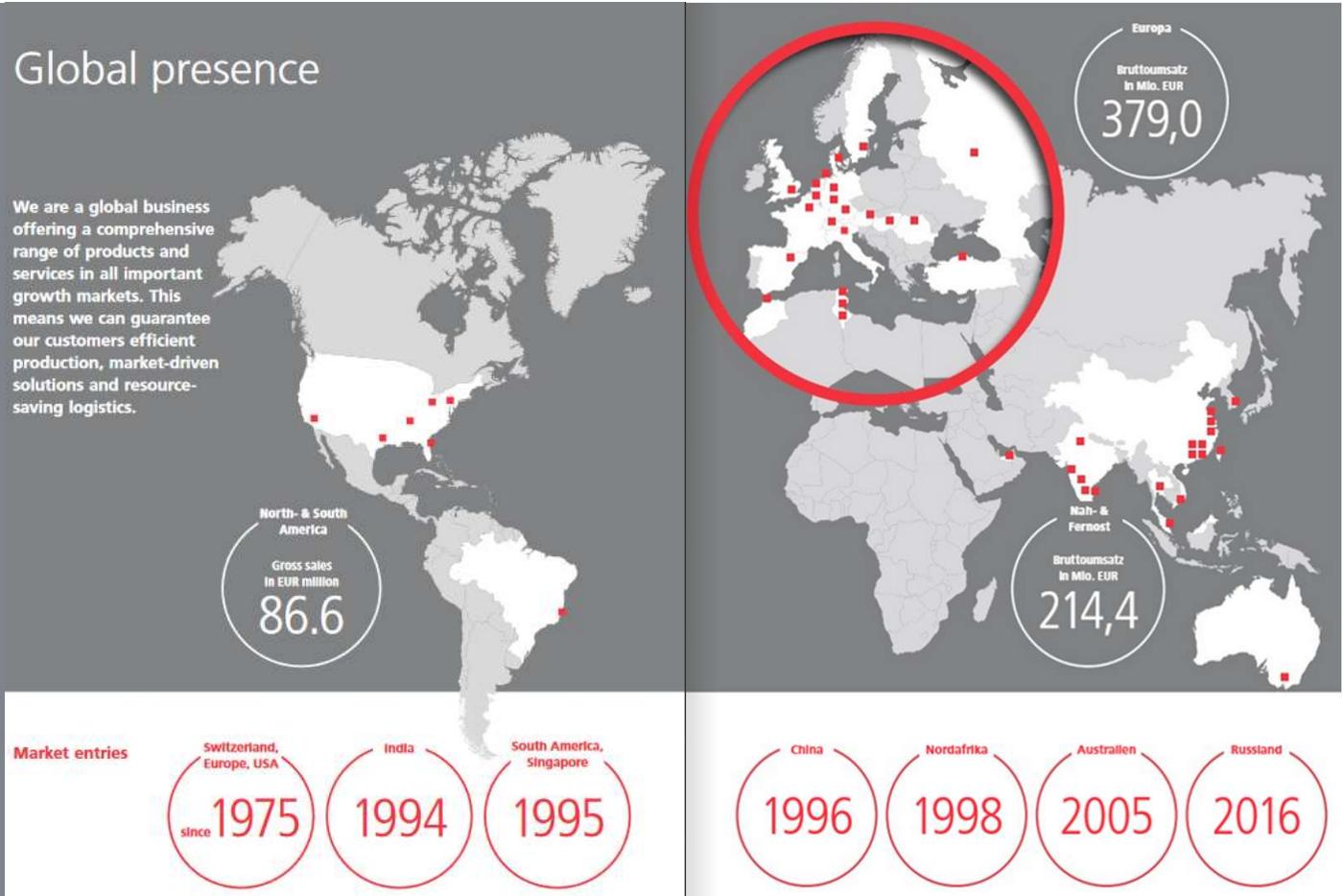
- Staff: 750
- 3 plants

Phoenix Mecano China (Shanghai)

- Staff: 210

Global presence

We are a global business offering a comprehensive range of products and services in all important growth markets. This means we can guarantee our customers efficient production, market-driven solutions and resource-saving logistics.



The Phoenix Mecano Group

Business Divisions



Enclosure Division

- BOPLA
- KUNDISCH
- ROSE



Mechanical Components

- DEWERT OKIN
- RK ROSE + KRIEGER



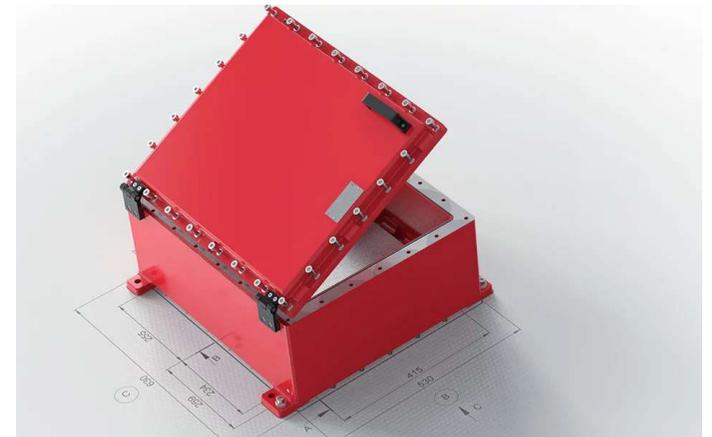
ELCOM / EMS

- | | |
|--------------------------|--|
| • ATON | • PHOENIX
MECANO
DIGITAL
ELECTRONIC |
| • HARTU | • WIENER |
| • HARTMANN
ELECTRONIC | • PTR |
| • HARTMANN | • PLATTHAUS |
| • LOHSE | |

ROSE Product Range & Services

ROSE Product Range

- Enclosures are used to encapsulate sensitive electronics and components and to provide reliable protection against external influences
- Enclosures are required for the installation of sensitive and complex electronics, in the areas of control and instrumentation and power and signal distribution



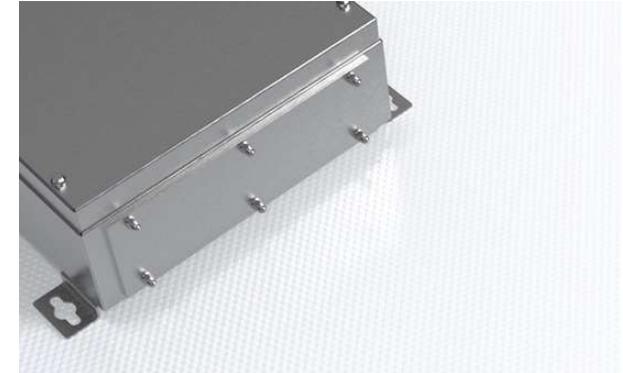
ROSE Products – Enclosure Systems

Fields of application

- Machine Tool Industry
- Medical Treatment
- MCR Technology
- Electrical Installation
- Transportation



Aluminium



Stainless Steel



Polycarbonate/ ABS



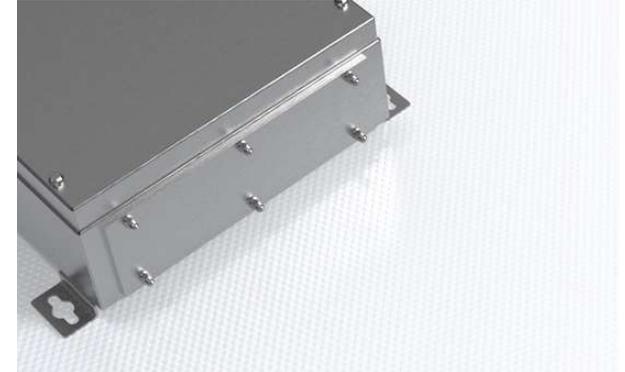
Polyester

Fields of application

- Food & Beverage
- Packaging
- Transportation
- Oil & Gas
- Chemical & Pharmaceutical Industry



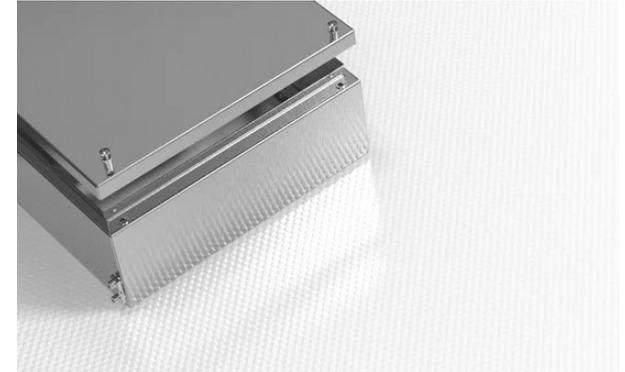
Control Enclosures



Enclosure Systems



Support Arm Systems



Ex Enclosures

Fields of application

- Enclosures for Measurement, Control and Automation applications



NoVoTronic

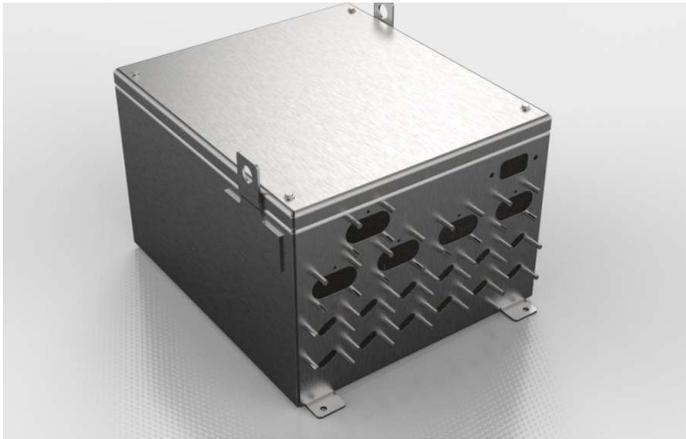


Wavetronic

ROSE Product Range – Enclosure Systems

Customized and Special Design Enclosures

- Made of Stainless Steel, Aluminium and Plastics
- Engineering, Tool Design and Solution Services



ROSE Product Range – Ex Enclosures

Fields of application

- Oil & Gas Industry
- Chemical Plants



Ex Aluminium



Ex Stainless Steel



Ex d Enclosures



Ex Polyester

ROSE Product Range – HMI Solutions

Fields of application

- Automotive Industry
- Machine Builders
- Process Automation



Industrial Panel PCs



Control Enclosures + Support Arm Systems



Industrial Tablets



Handheld Enclosures

ROSE / Phoenix Mecano Operations

Locations:

- Porta Westfalica (HQ & production site)
- Finow (production site)
- Hohenlockstedt (production & sales operation)

Operations:

- Custom made / bespoke enclosures
- CNC machining
- Powder coating
- Ex project department
- System technology, design & development



Surface Treatment:

- Coating (wet paint and powder paint facility)
- 25 employees
- State of art powder coating facility (over 200 colours available)
- Silk screen printing



Production:

- 2 and 3 shift operation
- 25 CNC machining centres
(Chiron, Gildemeister, Datron)
- Automatic programming of machining
- Foaming of PU- gaskets (2 component foam)



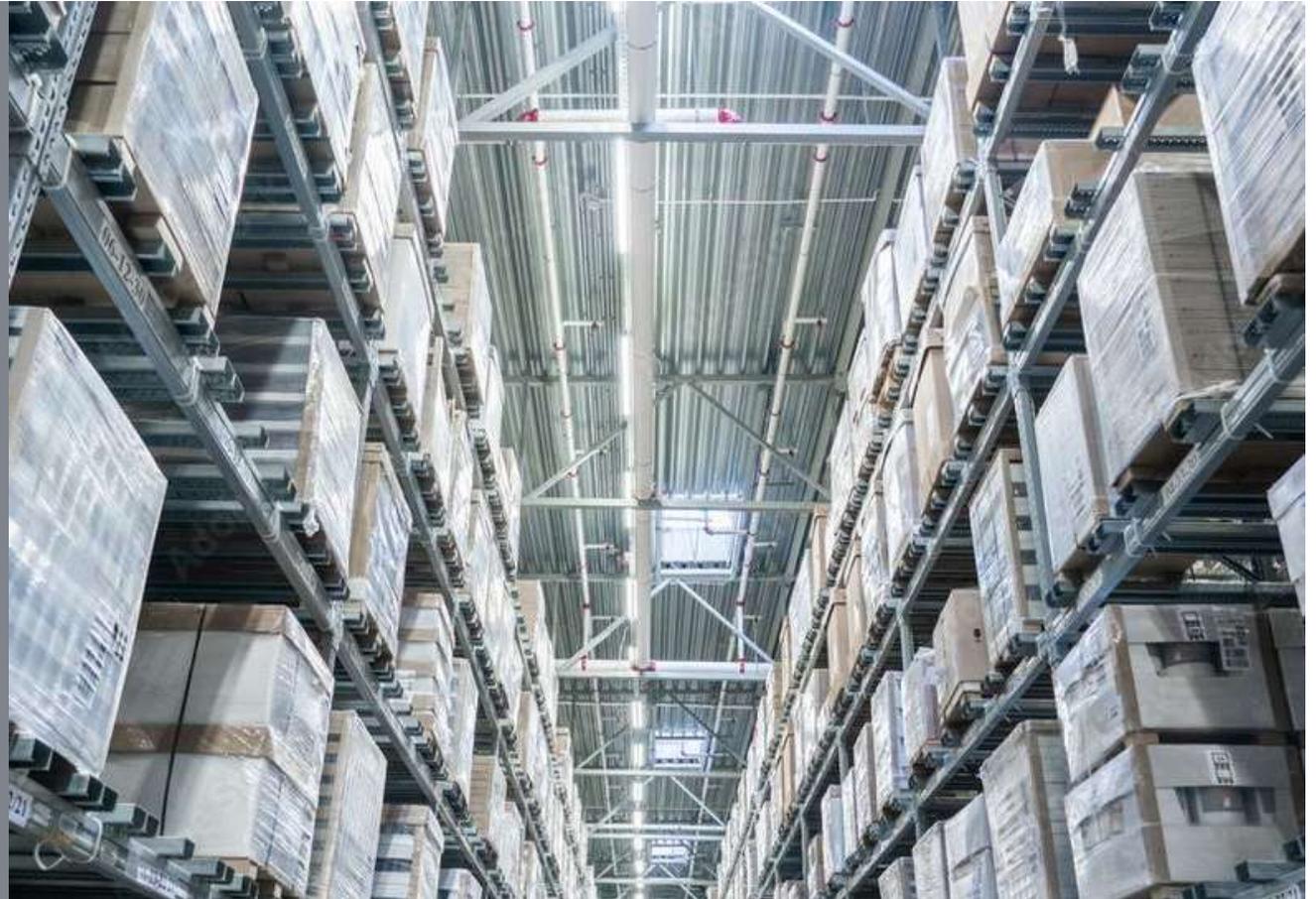
Customer specific assembly:

- Keypads
- Assembly of displays
- Wiring of Ex and non Ex local panels
- Adhesion of windows and keypads
- Assembly of Ex d products



Automated Warehouse:

- Automated storage of small components e.g. terminals, cable glands, mounting plates ...
- Allocation of the components for the assembly-dept.
- Dynamic space saving system
- 5,500 containers with up to 8 single modules
- 9,500 different articles



Laboratory:

- IP-Rating Chamber
- IP Test
- IP X7 Test
- Test Chamber- Dust Protection
- Climate Test Chamber
- Corrosion Test Chamber



Phoenix Mecano Kecskemét in Hungary



- Established in 1993
- Staff: 900
- Production area: ca. 32.000 m²
- ATEX/IECEX approved production

Operations:

- Custom/ bespoke enclosures
- CNC-machining
- Moulding
- Surface treatment
- Ex-projects

Phoenix Mecano Singapore



- Staff: 50

Operations:

- Manufacturing of specific product lines
- Milling and turning facilities plus assembly
- Manufacturing of special enclosures
- Project management
- ATEX / IECEX approved production

Phoenix Mecano India



- Staff: 500
- Located in Pune

Operations:

- Custom/ bespoke enclosures
- Moulding
- CNC machining
- Powder coating
- Ex-Projects and engineering

Infrastructure

- Project management
- Aluminum die-casting
- Surface preparation
- Stainless steel bending
- Powder Coating
- ATEX / IECEx approved production

Assembly

- Possible to run series & batch production
- Trained work force for right quality
- (ATEX approved)
- Streamlined & controlled process

Quality Management

- Confirms to all requirement of ISO 9001 : 2015
- ATEX / IECEx approved production plant
- In-house spectrometer to check chemical composition of alloy

Phoenix Mecano OOO Russia



- Staff: 12

Operations:

- Manufacturing of specific product lines
- Manufacturing of special projects
- Project management
- warehouse
- EAC Ex approves production

Phoenix Mecano Shanghai



- Staff: 202

Operations:

- Manufacturing of specific product lines for China market
- Mechanical machining and assembly
- ATEX / IECEx approved production

Phoenix Mecano – International Representations



- Phoenix Mecano Romania
161 staff
- ROSE Middle East
5 staff
- Phoenix Mecano Belgium
20 staff
- Phoenix Mecano Australia
16 staff
- Phoenix Mecano Mazaka Turkey
15 staff
- Phoenix Mecano Inc. USA
196 staff
- Phoenix Mecano Brazil
15 staff
- PM Komponenten
Netherlands
20 staff
- Phoenix Mecano ESPAÑA
30 staff
- And many more...

Approvals



- ATEX in acc. To the European 2014/34/EU and standards EN60079
- IEC Ex in acc. To the international IEC 60079
EAC / TRCU (Russia, Belarus and Kazakhstan)
- UL-Ex approval for US market
NEC505 (Ex e – increased safety only)
- INMETRO (Brazil), PESO for India, IA (Explolabs) south Africa
- Marine Certification
- ISO 9001
- Quality Assurance Notification as Ex production facility for all ROSE and Phoenix Mecano operations
- Railway Approval
- Welding Approval

ROSE Target Markets

Automotive production

- Plant engineering
- Smart assisted production

Plant- and machine building

- Tool machines
- Foodstuff & beverage industry

Process industry

- Chemical
- Gas & petroleum
- Mining

Technology for agricultural applications

Infrastructure

- Railway technology
- Also hazardous environments / tunnels
- Shipbuilding
- Smart city applications
- E-mobility

Control and measurement technology



ROSE Advantages

- Medium sized company: quick, reliable, flexible
- Excellent delivery performance
- Operations worldwide: flexibility, competitive pricing
- Customized solutions
- Integration of all production facilities in Rose QM-system

Technology for agricultural applications

Infrastructure

- Railway technology
- Also hazardous environments / tunnels
- Shipbuilding
- Smart city applications
- E-mobility

Control and measurement technology



Reliability.

- High-quality products from a high-capability partner
- Industry-specific certificates guaranteed
- Sensitive operating electronics perfectly protected

Quality.

- At ROSE Systemtechnik, quality is a matter of course
- Long service-lives thanks to high material quality
- Individual tests in our in-company laboratory

Flexibility.

- Individual enclosure systems for all applications
- Special solutions in all materials
- Global production and marketing network

Speed.

- Fast, solution-orientated reaction to your enquiry
- Short-notice production at the location in Germany
- Short delivery times to ensure trouble-free operation for you