







### **Market segments**

# Special Vehicles

- Materials handling
- Road&Construction
- Mining industry
- Forestry and agriculture







## **Market segments**

## Industrial Systems

- Automation and control systems
- Charging applications
- Renewable energy















1982

Foundation

2003

Rimaster Poland

2007

Rimaster Development

2008 - 2009

Rimaster China

2009

Rimaster Cab & Mechanics

2011

Rimaster Benelux

**2012**Rimaster Trading China







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Rimaster Benelux /
Rimaster Trading China

2015

Rimaster Poland expansion

**2016**Rimaster France



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2011 - 2012

Rimaster Benelux / Rimaster Trading China

2015

Rimaster Poland expansion

2016

Rimaster France

2018

Rimaster Serbia

2019

Sales in Germany

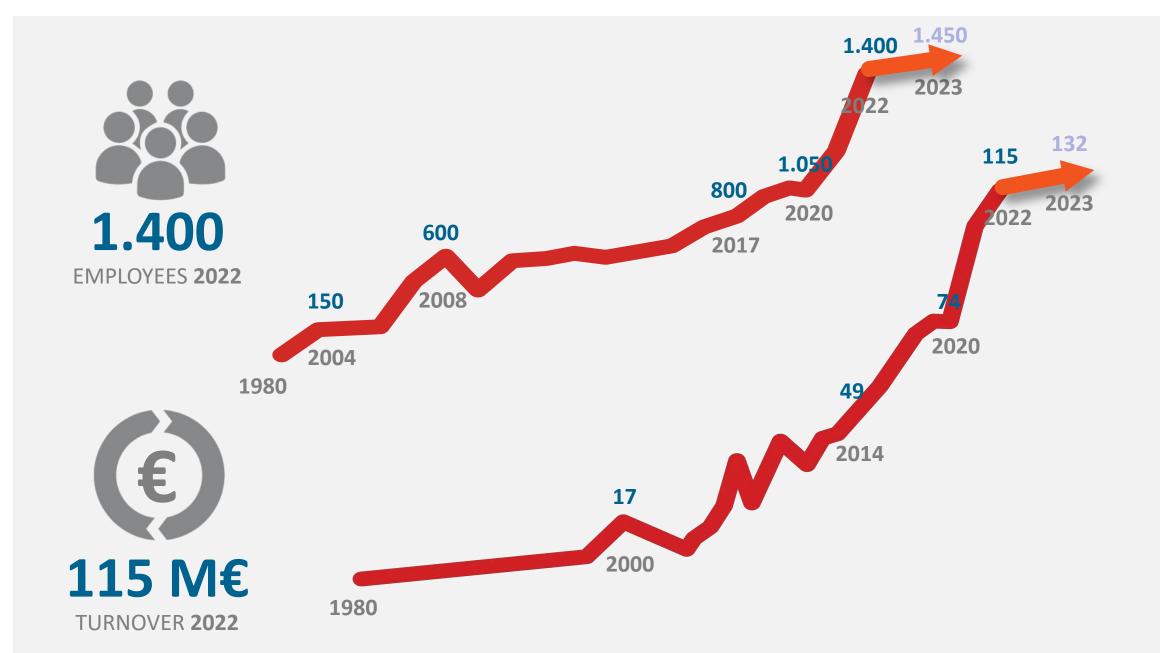
**2018**Rimaster Serbia

2019
Sales in Germany







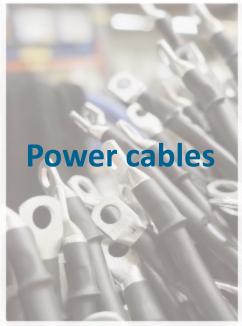




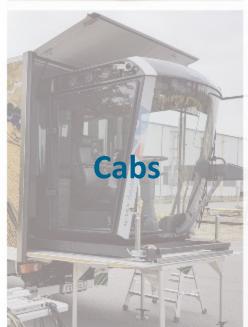


















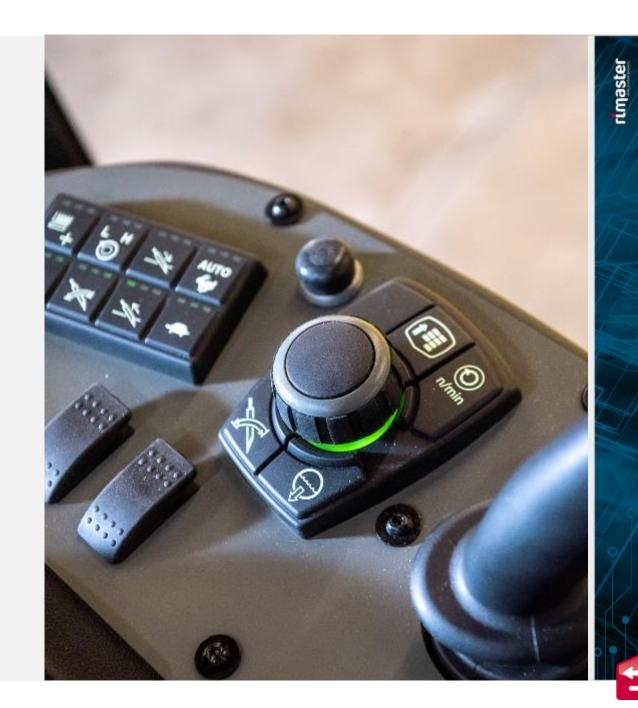




# **Wiring Harnesses**

- Assembly
- Automatic crimping
- Rimaster Testing Platform RTP
- Global supply chain
- UL certified plants
- Braiding
- Ultrasonic welding
- Overmolding

- In house supply chain (mechanics, PCB's, wiring...)
- Specialized production cells
- Global supply chain
- Function test:
  - Rimaster Testing Platform RTP
  - Digital test
  - Specific bench test development
- Braiding
- Ultrasonic welding
- Overmolding





### **Electrical Cabinets**

- Automatic cable preparation
- In house supply chain (mechanics, PCB's, wiring...)
- Special lifting equipment
- Custom specific tests
- High voltage tests
- Partnership with key suppliers
- From concept to finished product

- Highly automized production
- Ultrasonic welding
- Molded cables
- Standardized high volume purchase



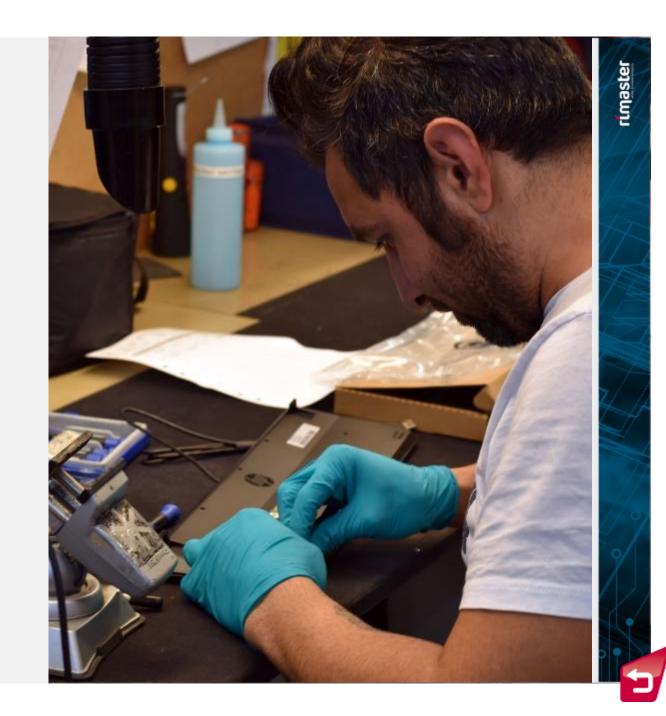


# **Development**

- Creo Parametric cabling and harness to develop 3D harness designs
- Circuit diagram
- Wiring diagram
- Flat harness drawing
- System design
- Electronics design (PCB)
- Programming
- Application knowledge and expertise
- First-time correct functionality

#### **Mechanics**

- Development and Production of sheet metal products
- Laser cutting, press brake, welding etc. in-house.
   Surface treatment together with partners close-by
- Certified according to ISO 3834.
- Fully automated laser cutting line from Amada
- Products ranging from complex complete cabins to electrical boxes and sheet metal products for i.e computers.
- Used to work with both very small batches up to medium volumes. (Batch sizes typically varies from 5 up to 300 per batch)





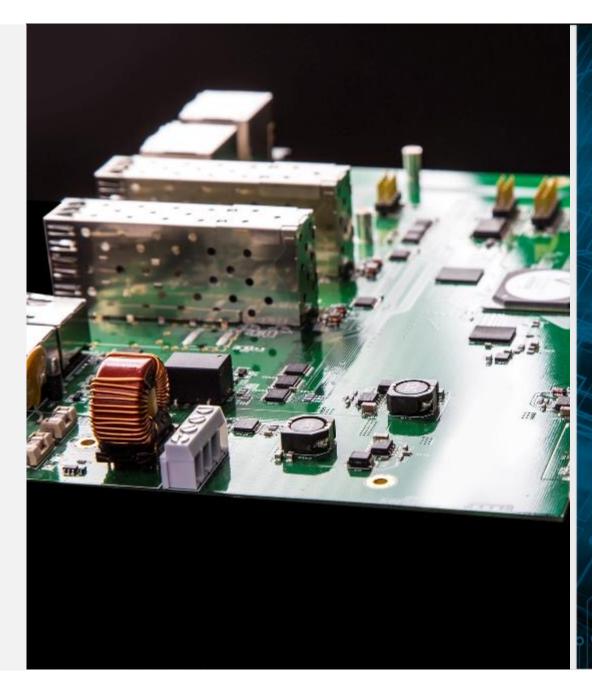
#### Cabs

- Development and assembly of complete cabs for special vehicles, all the way from sheet metal.
- Assembly of cabins based on customer owned/standard cabin frames.
- We also offer a proprietary cab solution, riCab.
- Complete sourcing and logistic chain provided.
- Long experience in testing of Plug&Play cabins.
- Annual volumes from 10 cabins per year to several hundred, depending on customer requirements.

PRODUCTION PLANTS: Rimaster Cab & Mechanics, Horn Sweden.

#### **Electronics**

- Production and supply of PCBAs and complete assembled products based on electronics
- Surface mounting
  - Screen printing
  - SMD mounting
  - Reflow owen
- Through hole mounting
  - Selective soldering machines, lead and lead free
  - All mounting is done by hand. This is optimal for low volume/high mix production
- Test and programming
  - Automatic optical and manual inspection after surfaceand through hole mounting
  - Functional testing including test design
  - · High voltage and isolation testing
  - Programming/loading of specific software





### **Plastic Molding**

- High pressure and Low pressure molding machines
- In-house 3D modeling and development
- From concept to finished products in a few weeks
- Owned products like RiCon or Rinforced
- Customized and premium solutions for every applications
- High specs for harsh environments
- Pigtails or complete harness integration

PRODUCTION PLANTS: Rimaster Electrosystems, Rimforsa Sweden.

## **Own products**

 Development and production of own products focused towards special vehicles











#### **References & Customers**































































### **Certificates**









