

ENTWICKLUNG & KONSTRUKTION
CNC-ZERSPANUNG & BAUGRUPPENMONTAGE
MASCHINEN- & ANLAGENBAU
FLEXIBLE AUTOMATION & ROBOTERTECHNOLOGIE

**YOUR PARTNER FOR
INDUSTRIAL MATTERS**



Company Profile

RILE Management und Vertriebs GmbH

Graflinger Straße 226, D-94469 Deggendorf
Telefon: +49-991/2507-280, Telefax: +49-991/2507-211
E-Mail sales@rile-group.com, Internet: <http://www.rile.group>

Sector Parts & Modules

- ⇒ *CNC metal cutting*
- ⇒ *Subassembly installation*

**RILE Zerspanungstechnologie und Montage
GmbH & Co. KG**
Graflingerstr. 226, 94469 Deggendorf

Sector Factory Automation

- ⇒ *Machine and installation construction*
- ⇒ *Flexible automation*
- ⇒ *Robotics and handling devices*
- ⇒ *Conveyor technology*
- ⇒ *Assembly technology*
- ⇒ *General overhaul, maintenance and teleservice*

RILE Roboter und Anlagentechnik GmbH
Graflingerstr. 226, 94469 Deggendorf

Sector Lightweight & Design

- ⇒ *Carbon processing*

RILE Lightweight Design GmbH
Graflinger Str. 224, 94469 Deggendorf

Certificates

- ⇒ DIN EN ISO 9001:2015, registering number 41013701
- ⇒ Admission according to the quality requirements of the „Federal Association of the German Aircraft and Space Industry (BDLI) part “A” (QSF-A)”



RILE Services

1. Design and Development

Customer-focused, open and permanent communication allows RILE to solve problems and work out systems for the customers' requirements. After having worked out a concept, one of the ten existing 8 CAD workstations (Software: Solid Edge 2020 – sequential & synchronous - and VISI 2020). RILE also has two electrical planning workstations (E-Plan P8).

2. CNC Metal Cutting – maximum processing possibilities

Complex CNC metal cutting of highly stressed work-pieces made of different materials and up to a weight of 20 tons and a length of 12 metres.

- ⇒ FMS x = 1.250, y = 1.000 mm, z = 1.000 mm (with 3x Heller MCH350)
- ⇒ CNC-Processing Centers x = 4.000 mm, y = 1.300 mm, z = 1.600 mm
- ⇒ Lathe & Milling Ø = 5.300 mm, X = 12000 mm, y = 5300 mm, z = 1600 mm
- ⇒ Lathe Ø = 3.750, Höhe = 3.000 mm
- ⇒ Flat grinding x = 2.100, y = 900 mm, z = 600 mm
- ⇒ Plain grinding Ø 400 mm, l = 1.600 mm oder Ø 1.300, l = 500 mm
- ⇒ High speed cutting precision center x = 1.050 mm, y = 800 mm, z = 560 mm
- ⇒ NC Milling for carbon & ureol processing x = 4.800 mm, y = 1.800 mm, z = 1.200 mm

3. Subassembly Installations

Just-In-Time deliveries of complete subassemblies directly into your assembly lines.

4. Machine and Installation Construction according to customer requests

RILE also offers the design, construction, assembly, start-up and complete overhaul of equipment and machines according to customer requests.

- ⇒ Plastic injection machines
- ⇒ Transporting systems and conveyor belts
- ⇒ Printing and paper machines
- ⇒ Strapping and wrapping machines
- ⇒ Welding constructions and support kits
- ⇒ Components for machine tools and processing centres
- ⇒ Crushing and crumbling machines

5. Flexible Automation

- ⇒ Integration of components and equipment to turn-key systems for streamlining production processes.
- ⇒ Manufacture of automated production equipment using robots and handling systems for joining, pressing, screwing and testing.



6. Robotics & Handling devices

- ⇒ Industrial robots for factory automation
- ⇒ Maintenance of industrial robots and handling systems that are mostly used by the automobile and plastics industry for carrying out welding, milling, fettling, gluing, assembly and transport.
- ⇒ Interlinking of machining centers

7. Handling

Rationalisation of production and distribution processes

8. Assembly technology

Completely or partly automated assembly machines suitable for single use or linked to complete assembly lines

9. General overhaul, maintenance and teleservice

Customer-made solutions are the most important parts of the RILE spirit. RILE also is very customer-oriented by overhauling existing machines and installations. Old machines and installations are rebuilt according to the customers' new requirements. Maintenance of RILE-installations and training of the operating personnel also belongs to the RILE service called "PIMS", of course.

10. Carbon processing & rapid manufacturing

Production of lightweight components made of fiber composite materials (e.g. : carbon, fiberglass)

Main customers

Aircraft industry
Installation construction
Food industry
Railway industry

Chemical industry
Automotive industry
Automotive Supplier industry
Optical Disc industry

Machine tool industry
Plastics industry
Agricultural industry

Contact

General Manager:	Dipl.-Ing. P. Radlsbeck	Ø – 280
Quality Management:	Johann Scheßl	Ø – 227
Head of Sales:	Hermann Bayer, ppa.	Ø – 201

Sector Parts & Modules

Head of Production & Planning Department:	Dipl.-Ing. (FH) Werner Feldmeier ppa.	Ø – 225
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Sector Factory Automation

Sales System Integration:	Michael Füller	Ø – 120
Project Manager Robotics:	Huber Matthias	Ø – 243
Head of Technical Area:	Martin Bohmann	Ø – 297
Head of Construction Department:	Markus Graul	Ø – 123

Sector Carbon processing & rapid manufacturing

Business Unit Manager	Erich Wittmann	Ø – 141
Customer representative	Christoph Ossig	Ø – 143