



PRÄZISION  
METALLBEARBEITUNGSGESELLSCHAFT  
MBH & CO. KG



## WE DO MILLING AND TURNING OF CERTIFIED QUALITY

MPQ certified  
Manufacturer-Related Product Qualification  
Deutsche Bahn AG (German Railway)







## FROM THE IDEA TO THE FINISHED PRODUCT – ALL FROM ONE SOURCE

As a system supplier, we produce not only individual components, but also complete assemblies. We offer complete individual solutions and sub-assemblies of the highest quality and precision. In this connection we respond to the individual needs of each customer because each project is different. Our flexibility and dependability combined with professionalism and delivery reliability will convince you. We are committed to you and your project; that you can rely on. We will be pleased to assist you with any questions on your project and will quickly prepare a non-binding offer for you.

### **CAD Design and CAM Manufacturing in accordance with your individual specifications**

We work with the latest CAD / CAM software and process all standard data formats such as DXF and DWG.

### **CNC Turning**

up to 2,000mm / max. load 10t

### **CNC Milling**

3-5-axes Max. 2,200 mm  
max. 5t load

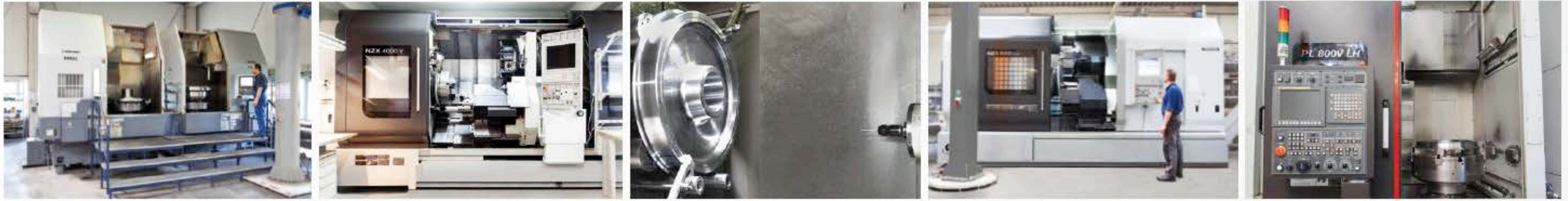
### **Sub-contracting**

### **We work for different divisions, such as for example:**

- Railway Technology / Rail Vehicles
- Transport Engineering
- Wind Energy
- Gearing Mechanisms Technology
- Coupling Technology







## OUR MODERN EQUIPMENT GUARANTEES THE HIGHEST PRECISION

### Horizontal CNC Lathes

2x Mori Seiki NZX 6000 (4 Axes)  
 ø 1200 Z 1000 mm  
 1x Mori Seiki NZX 4000 (4 Axes)  
 ø 900 Z 2000 mm ( Y + - 70 mm )  
 1x Mori Seiki NZX 4000 (4 Axes)  
 ø 900 Z 1000 mm  
 2x OKUMA LU 45-M (4 Axes)  
 ø 700 mm Z 2000 mm  
 1x OKUMA LB 45-M  
 ø 700 mm Z 2000 mm  
 1x MAZAK Multiplex 450  
 ø 620 mm 2-Spindle  
 1x MAZAK Multiplex 650  
 ø 620 mm 2-Spindle  
 2x OKUMA LB 35-M  
 ø 500 mm Z 1500 mm  
 1x MAZAK Multiplex 630  
 ø 380 mm mit GL-Lader 2-Spindle  
 1x MAZAK Multiplex 6300  
 ø 380 mm 2-Spindle  
 2x MAZAK Multiplex 6300  
 ø 380 mm 2-Spindle (Robotized)  
 1x MAZAK Super Quick Turn 200 MS  
 ø 350 Z 500 mm

1x OKUMA LB15 (Robotized)

ø 340 mm Z 1000 mm  
 1x Samsung PL 1600  
 ø 290 mm Z 500 mm  
 1x Samsung PL 240  
 ø 510 mm Z 560 mm  
 1x Samsung SL 2500B  
 ø 650 mm Z 1000 mm  
 1x Samsung SL 2500BM  
 ø 650 mm Z 1000 mm  
 2x Mori Seiki NZX-S 1500/500 (4 Axes)  
 ø 120 Z 500 mm (Robotized)

### Vertical CNC Lathes

1x Omega 80  
 ø 2000 mm Z 1600 mm (Carousel Lathe Machine)  
 1x Omega 70  
 ø 1600 mm Z 1400 mm (Carousel Lathe Machine)  
 2x Hyundai WIA-LU 1100 R/RM  
 ø 1300 mm Z 1000mm  
 2x OKUMA V 100 mm  
 ø 1250 mm Z 1000 mm (Carousel Lathe Machine)  
 2x OKUMA 2SP-V-80 mm (zwei Spindeln)  
 ø 1000 mm Z 800 mm  
 1x MAZAK Megaturn Nexus 900 M  
 ø 1000 mm Z 800 mm (Carousel Lathe Machine)

2x Samsung PL 800 VM RH  
 ø 810 mm Z 800 mm

### CNC Milling Machines (Vertical)

2x MAZAK VTC-300  
 X 1740 mm Y 760 mm Z 840 mm (3 Axes)  
 1x MAZAK VTC-760-C  
 X 1740 mm Y 760 mm Z 840mm (3 Axes)  
 2x MAZAK V-655  
 X 1740 mm Y 740 mm Z 650mm (3 Axes)  
 1x MAZAK MazaTech FH-8800  
 X 1300 mm Y 1100 mm Z 1500 mm (4 Axes)  
 Horizontal with Pallet Changer  
 1x MAZAK Horizontal Center Nexus 6800-II  
 X 1050 mm Y 900 mm Z 980 mm (4 Axes)  
 Horizontal with Pallet Changer  
 1x MAZAK MazaTech FH-6800  
 X 1050 mm Y 800 mm Z 880 mm (4 Axes)  
 Horizontal with Pallet Changer  
 1x MAZAK Variaxis 730-5 X  
 X 730 mm Y 850 mm Z 790 mm (5 Axes)  
 1x MAZAK Variaxis 630-5 X  
 X 630 mm Y 765 mm Z 510 mm (5 Axes)

### CNC Measuring Machine - 3D

1x Measuring Machine Wenzel LH 108  
 X 1000 Y 1600 Z 800





## HIGH QUALITY AND STANDARDS ARE OUR GOALS

### Quality Assurance

Our quality management system was aligned to international standards (ISO 9001:2015) in order to ensure to the highest degree of customer satisfaction. DIN EN ISO 9001:2015, and the MPQ Manufacturer-Related Product Qualification Deutsche Bahn AG (German Railway), give our customers the assurance that we have a reliable, quality-conscious partner at their side. Our whole team consciously lives an active corporate quality and Innovation culture.



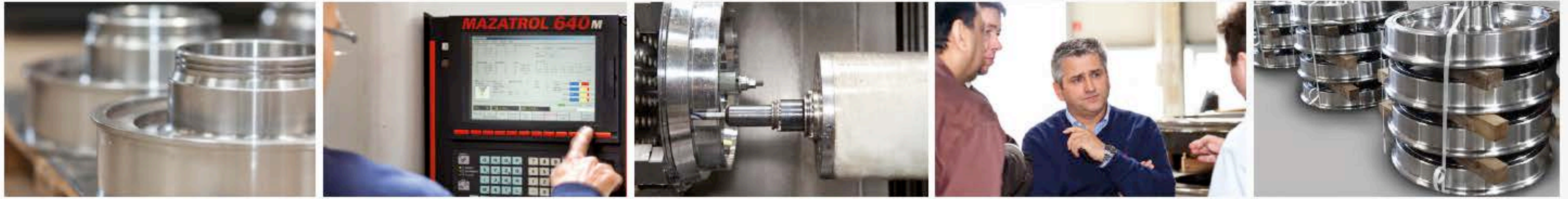
Deutsche Bahn Zertifikat-HPQ





  
PMG





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