

WENDT MACHINES
PRECISION MEETS
PASSION AND STEEL



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➤ A WORD FROM MANAGEMENT



Welcome!

For over 25 years now, we endeavour to uphold the highest standards of truthfulness, reliability and impartiality in our practices with all our business partners. We are fuelled by our passion for sophisticated, state-of-the-art technology and the desire to discover new paths. Just as individual and varied as the wishes of our customers is the way in which we go about achieving them.

Wendt Maschinenbau GmbH & Co. KG is your efficient and experienced partner of choice when it comes to planning, designing, installing and maintaining complex plants for various areas of application, both at home and abroad.

See for yourself! We and the entire team are more than happy to assist you at any time.

Valeska Hurtzig
Head of Management

Michael Wendt
Head of Management

➤ PARTS MANUFACTURING

FLEXIBLE MANU- FACTURING BY SIZE



By using modern and powerful machines, we specialise in the manufacturing of precision machined components and assemblies made of various steel grades and other common materials for general engineering purposes.

From one-off prototypes through to high volume batches with unit weights of up to 20 tonnes, we supply finished components plated and heat treated to your specifications.

Please refer to the Toolroom Machinery section for an overview of our manufacturing technology and techniques or contact us to discuss your machining requirements. We will identify the most cost-effective manufacturing methods for your components and send you a free and non-binding quote.

Needless to say, we provide full standard and bespoke documentation of your specifications through test certificates and reports. Our company is certified to **DIN EN ISO 9001 ff. (quality)** and **DIN EN ISO 14001 (environment)**.



➤ WELDED ASSEMBLIES/STEEL CONSTRUCTION



We produce complex welded assemblies and steel components to DIN EN 1090-2 EXC 2. Subsequent machining at our high performance CNC machining centres is possible up to max. unit weights of 20 tonnes.

Our diverse manufacturing capability allows us to offer an extensive range of machining services all the way up to the colour of the finished product at our production facilities. For example, we apply top quality wet paint finishes from all manufacturers in line with technical specifications and to your exact requirements.

The comprehensive machining of welded assemblies and steel components at our facilities enables us to deliver higher quality and lower costs, thus providing our customers with a competitive edge. We are certified to **DIN EN ISO 1090**.



YOUR PARTNER FOR

COMPREHENSIVE SOLUTIONS

FROM ONE SOURCE

➤ MACHINE CONSTRUCTION



INNOVATIVE SOLUTIONS,
CRAFTSMANSHIP AND
LATEST PRODUCTION
TECHNOLOGY

MECHANICAL ENGINEERING WITHOUT DESIGN

We use your drawings and models to manufacture machines and plants for various fields of application.

Years of excellent service in the field of mechanical engineering and our extensive manufacturing technology and techniques ensure a reliable and efficient quality to your finished machines and plants.



EXAMPLES OF OUR CUSTOM-BUILT MACHINES:

- Fully automatic plants for producing and printing paper bags
- Machines for producing tyre carcass plants for passenger car and truck tyres
- Machines for producing flat and toothed belts
- Self-propelled drilling rigs for use below and above ground
- Transport and conveyor systems for the porous concrete and fibre cement industry
- Flanging machines for producing plastic cups

➤ SPECIAL PURPOSE MACHINERY MANUFACTURE



MECHANICAL DESIGN AND ENGINEERING OF SPECIAL MACHINES

Our modern, high performance machining centres are designed to meet your requirements and specifications, thus enabling us to deliver high quality special machines for rationalising production processes, packaging technology systems, transport systems as well as many other areas of application. We will gladly provide you with information about our knowledge and expertise in this area.

EXAMPLES OF PROJECTS WHICH WE HAVE CONDUCTED FOR CUSTOMERS:

- Manufacturing plants for producing concrete sandwich plates
- Fully automatic packaging system for roofing tiles
- Fully automatic conveyor systems with several climate zones for preparing and processing synthetic granules
- Automatic erecting station for side parts of trucks
- Fully automatic system for ultrasonically testing the material structure of steel tubes
- Ring-descaling system for the descaling of round forgings
- Fully automatic system for separating unfinished cast parts from brake and clutch housings

EMPLOYMENT OF LATEST

TECHNOLOGY AND COMPONENTS

➤ JIG AND FIXTURE MANUFACTURING



PRECISION IN DETAIL

We have vast experience in the design and build of complex jigs and fixtures across a wide array of industrial applications and environments.

Our range of services includes the manufacture of welding, assembling, clamping and testing fixtures for rational and high quality production.

We only use components and standardised parts of the highest quality in our jigs and fixtures.

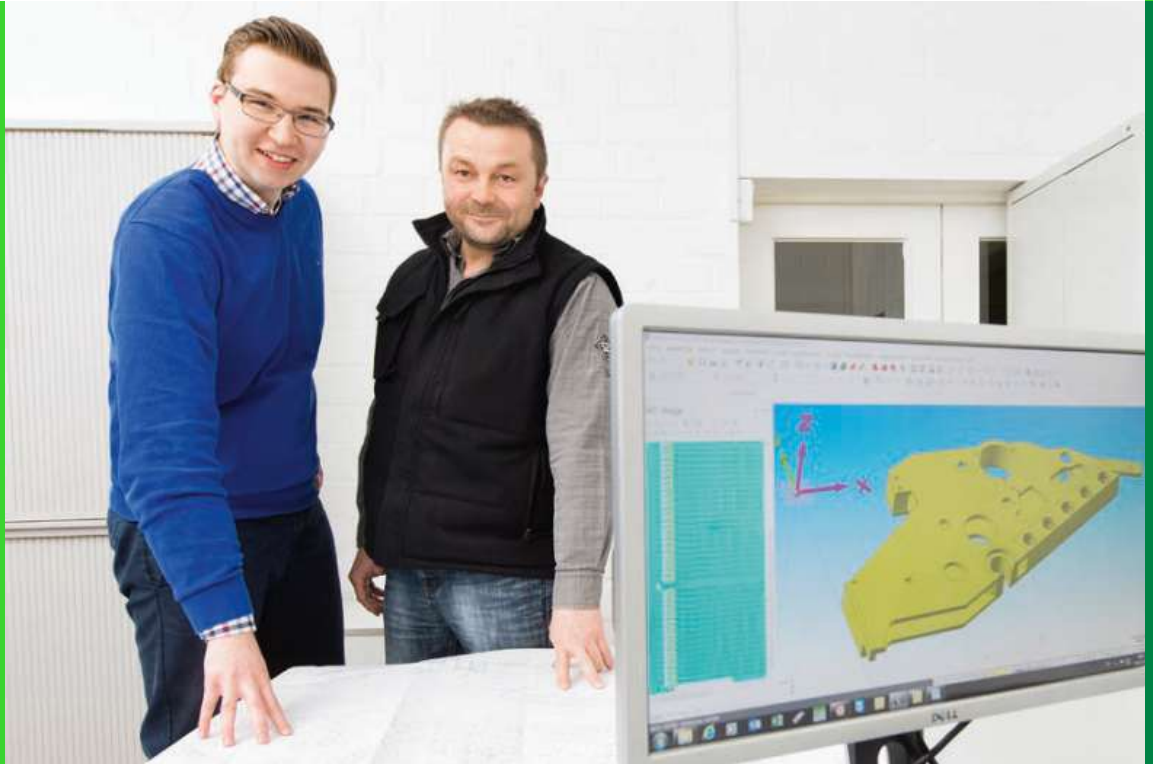
We guarantee full functionality and long-term durability of our jigs and fixtures even in the most demanding applications.

EXAMPLES OF PROJECTS WHICH WE HAVE CONDUCTED FOR CUSTOMERS:

- Welding fixtures for harvesting machine production in the agricultural sector
- Assembling fixtures for a wide range of applications
- Lifting tables for a wide range of applications
- Clamping fixtures for milling and turning
- Testing fixtures for measuring welded components



➤ MECHANICAL DESIGN ENGINEERING



The experienced designers in our fully equipped Mechanical Design Engineering department are supported by the latest 2D and 3D CAD systems. State-of-the-art technology and techniques are employed to ensure the production of designs in all standard file formats. For example, Solid Works, Inventor and Catia.

We offer you qualified high quality individual advice for the effective planning, conceptual design, design and implementation of your projects. Our main areas of activity and focus are the design of special machines and complex jigs and fixtures for rationalising production processes.

We will gladly discuss with you all your company's needs and requirements and provide assistance, starting with an initial technical concept and performance audit.

WE SUPPORT YOU:

FROM THE PLANNING

STAGE THROUGH

TO IMPLEMENTATION

➤ CAREERS



We offer our employees challenging tasks in a modern work environment with diverse career development opportunities. We specifically promote individual preferences

and abilities of our employees through in-house or external training and further education offers. Specifically, we have dedicated ourselves to high quality education. We take responsibility and attach great importance to the instruction of extensive expertise with the aim of successfully completing the desired training.



➤ INDUSTRIAL MECHANIC ♀



➤ CUTTING MACHINE OPERATOR ♂



➤ INDUSTRIAL SALES MANAGEMENT ASSISTANT ♀



➤ CONSTRUCTION MECHANIC ♀

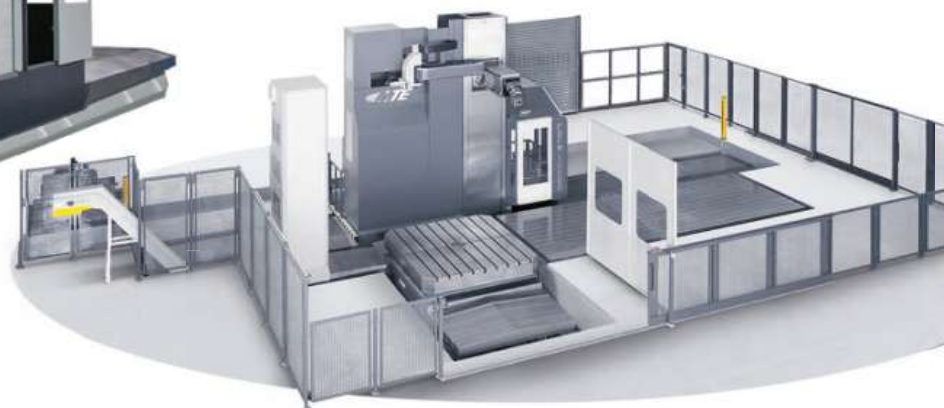


➤ ELECTRONICS TECHNICIAN ♀

► TOOLROOM MACHINERY



PROPER EQUIPMENT
FOR ANY REQUIREMENTS



MTE FLOOR TYPE MILLING MACHINE FBF-M 10.000

- X, Y, Z-axis travel
10.000/3.000/1.500 mm

AGMA BDO 3223 PORTAL MILLING MACHINE

- X, Y, Z-axis travel
3.200/2.100/1.400 mm
- Distance between Columns
2.300 mm
- Table 3.000 x 2.000/10 t

AGMA VMC115 MACHINING CENTRE

- X-, Y-, Z-axis travel
1.100 x 550 x 550 mm

HARRISON COLCHESTER MANUAL/CNC LATHE

- Swing over Bed 660 mm
- Distance between Centres 3.000 mm
- Spindle Bore 105 mm

KAOMING KMC 628M PORTAL-MILLING MASCHINE

- X, Y, Z-axis travel
6.230 x 3.450 x 1.400 mm
- Distance between Columns 2.800 mm

HEDELIUS RS 100 KL 5-AXIS SIMULTANEOUS MACHINING IN SHUTTLE OPERATION

- X, Y, Z-axis travel
1.000/2.550 x 1.000/700 x 770 mm
- Shuttle Operation \varnothing 1.000/2550 x 1.000 mm
- Clamping area of stationary table
3.100 x 1.000 mm
- Clamping area of swivel-round table \varnothing
1.000 x 800 mm

HEDELIUS RS-505 K18: 5-AXIS SIMULTANEOUS MACHINING IN SHUTTLE OPERATION

- X, Y, Z-axis travel
1.250/420 x 510/315 x 480 mm
- Shuttle Operation 700 x 510 mm / \varnothing 420
- Clamping area of stationary table
1420 x 510 mm

HEDELIUS T7-4200: 5-AXIS SIMULTANEOUS MACHINING IN SHUTTLE OPERATION

- X, Y, Z-axis travel
4.200/3.630 x 750 x 695/800 mm
- Swivel Range -5 – +98° / -98° – + 98°
- Shuttle Operation 2 x 1.800 mm
- Clamping area of stationary table
4.600 x 750 mm

HEDELIUS BC100-2500: 3-AXIS HEAVY DUTY MACHINING IN SHUTTLE OPERATION

- X, Y, Z-axis travel
2.500 x 1.000 x 770 mm
- Shuttle Operation 2 x 950 x 1.000 mm
- Clamping area of stationary table
3.220 x 1.000 mm

For further information about our toolroom machinery please visit our website www.wendt-maschinenbau.de/en/

Wendt Maschinenbau GmbH & Co. KG
Oeseder Straße 1
49124 Georgsmarienhütte

Tel. 0049 (0) 5401.86 05-0
Fax 0049 (0) 5401.86 05-11
info@wendt-maschinenbau.de
www.wendt-maschinenbau.de