

WENDT MACHINES
PRECISION MEETS
PASSION AND STEEL



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➤ A WORD FROM MANAGEMENT



Welcome!

For over 30 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.

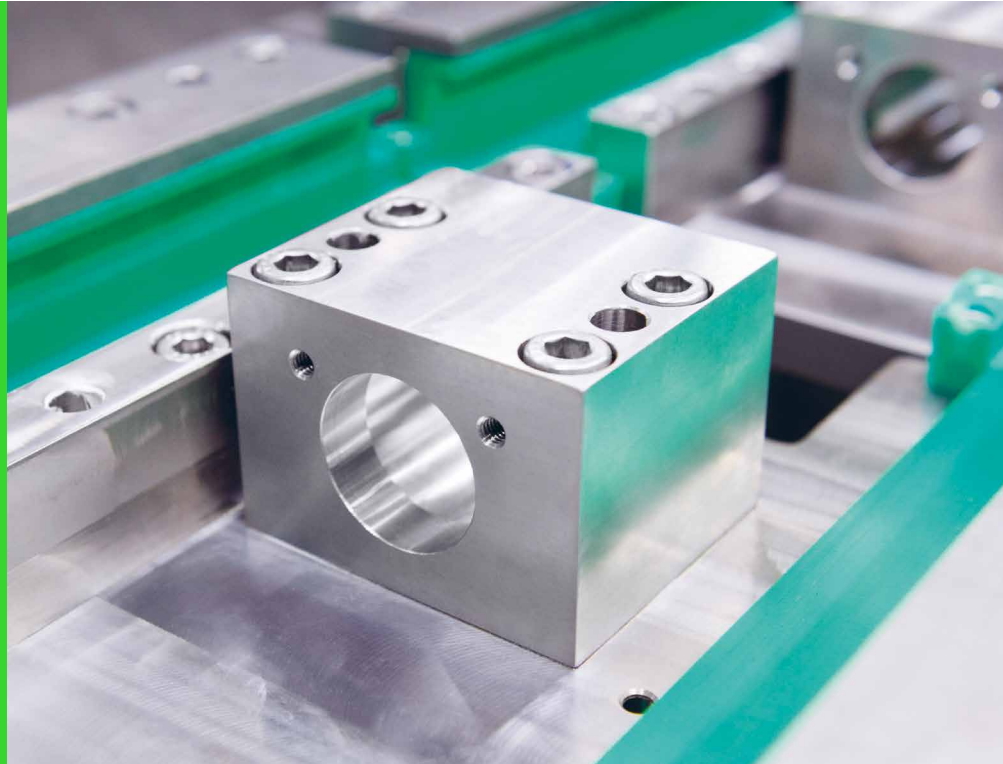
See for yourself! We and the entire team are more than happy to assist you at any time.

Valeska Hurtzig
Geschäftsführerin

Michael Wendt
Geschäftsführer

➤ 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



STEEL CONSTRUCTION

We produce complex welded assemblies or steel components up to a maximum unit weight of 20 tons in compliance with DIN EN 1090-2 EXC 2 and we machine them according to your specifications on our CNC large-scale processing machines. Steels of almost all grades, as well as high-strength materials and aluminum are machined here.

Complete assembly or assembly of components is skilfully carried out for you and we supply welded assemblies or steel components primed and painted to your specifications. We process high-quality wet paints with all technical specifications and from all manufacturers to achieve excellent surface coatings through electrostatic painting process with paint preheating.

Our possibilities of complete processing ensure you the timely, cost-effective and high-quality filling of your orders leading to decisive competitive advantages. Please visit us to see our extensive manufacturing capabilities for yourself.

We are DIN EN ISO 1090 certified.



STAINLESS STEEL

In our spatially separated white area, stainless steel welded assemblies and steel components are manufactured predominantly for the food industry and for medical technology, for applications in production, transport and packaging systems. Our products meet the highest quality requirements, in particular the design of welded joints and their surface texture.

➤ 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 de-scaling 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.

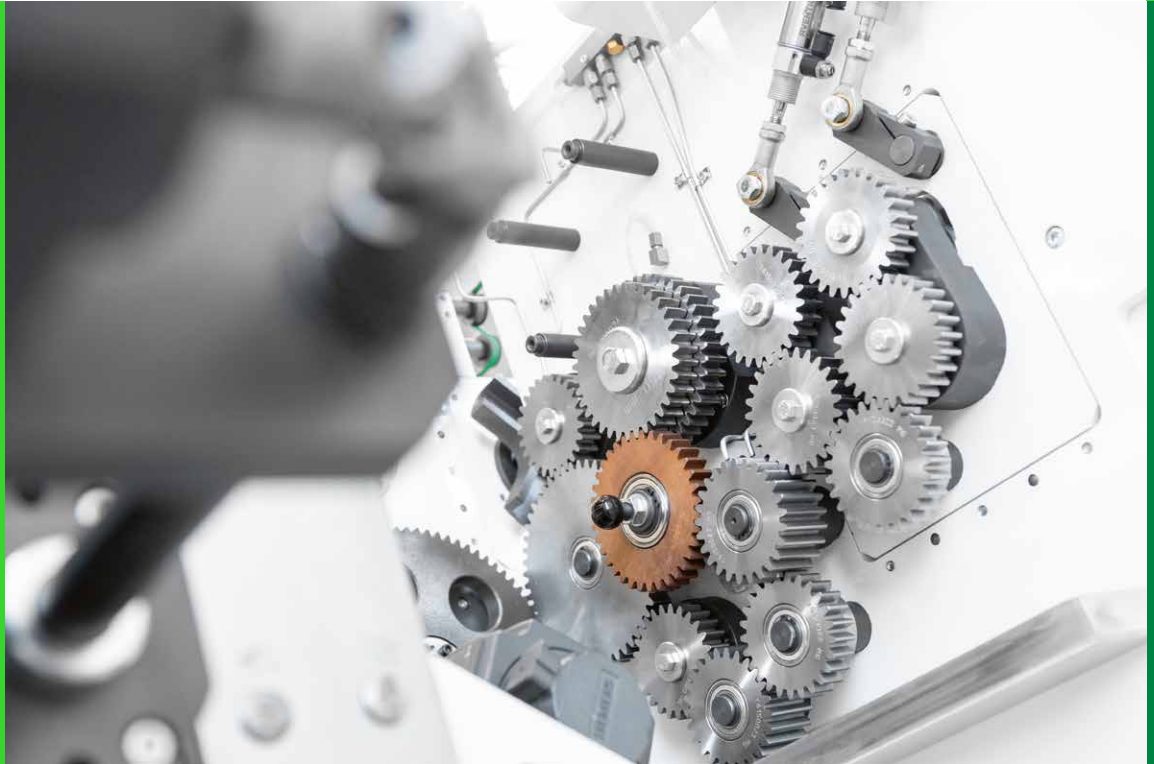
We guarantee full functionality and longterm durability of our jigs and fixtures even in the most demanding applications.

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 CONSTRUCTION



Our design engineers have had long experience in the traditional construction of special machines and are familiar with the application and use of various technologies and the solution of ever new, demanding tasks. We work with modern 2D and 3D CAD systems and are always abreast of the latest technology.

We will prove a skilful partner at the planning, design, construction and implementation stages of your projects. We are mainly involved in the construction of special machines, complex devices and equipment in rationalization technology.

We would be happy to discuss your tasks in your company with you and accompany you from the creation of a technical layout to the preparation of profitability calculations to the implementation of the project with the required documentation.

**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 ♀



➤ BECOME ONE WITH THE MASCHINE

► TOOLROOM MACHINERY

PROPER EQUIPMENT

FOR ANY REQUIREMENTS



UNIPOINT 6000: Vertical 5-sided CNC large machine in gantry design

- Longitudinal travel of the X-axis: 12,000 mm
- Portal passage width: 3,550 mm
- Cross slide travel of the Y-axis: 3,500 mm
- Clamping table width: 13,250 x 3,170 mm
- Max. table load: 5,000 kg/m²
- Spindle slide stroke of the Z-axis: 1,250 mm
- Portal passage height: 1,550 mm
- Width bed 480 mm
- Spindle camlock A1-11 (A2-11)
- Spindle speeds 2-2000 rpm

MTE TRAVELLING COLUMN MILLING MACHINE FBF-M 10.000

- X, Y, Z-axis travel 10000 x 3000 x 1500 mm
- Stepless milling head with 6000 rpm
- drive power 40 KW
- 80x tool changer
- rotary table with table top 2500 x 2000

HEDELIUS T11-3600: 5-AXIS SIMULTANEOUS MACHINING IN SHUTTLE OPERATION

- X, Y, Z-axis travel 3600 x 1100 x 1005 mm
- Spindle speed (min-1) 14000
- Spindle power 50 kW
- Number of tools 245
- Tool holder HSK A63
- Rapid traverse X-, Y-, Z-axis 40/40/40 m/min
- Direct feed measurement system
- Heidenhain TNC 640 control unit
- Mounting table 4080 x 1140 mm
- Table load capacity 5000 kg

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

- X, Y, Z-axis travel 4200/3630 x 750 x 695/800 mm
- Swivel Range -5 – +98° / -98° – + 98°
- Shuttle Operation 2 x 1800 mm
- Clamping area of stationary table 4600 x 750 mm

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

- X, Y, Z-axis travel 1000/2550 x 1000/700 x 770 mm
- Shuttle Operation Ø 1000/2550 x 1000 mm
- Clamping area of stationary table 3100 x 1000 mm
- Clamping area of swivel-round table Ø 1000 x 800 mm

HEDELIUS ACURA 65 MARATHON

- Mounting table palette 400 x 400 mm
- Clamping weight palette 250 kg
- X-, Y-, Z-axis travel 700 x 650 / 379 x 600 mm
- Swivel range +30° – -115°
- Spindle speed 14000/15000/18000/24000
- Spindle power 22/29/30/35/50 kW
- Number of tools 65/90/245/329 (max.)
- Tool holder SK40 / BT40 / HSK A63
- Rapid traverse X-, Y-, Z-axis 40/40/40 m/min
- Direct feed measurement system
- Heidenhain TNC 640 control unit
- Interference circuit: Ø 700 mm

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

- X, Y, Z-axis travel 2500 x 1000 x 770 mm
- Shuttle Operation 2 x 950 x 1000 mm
- Clamping area of stationary table 3220 x 1000 mm

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

- X, Y, Z-axis travel 1250/420 x 510/315 x 480 mm
- Shuttle Operation 700 x 510 mm / Ø 420
- Clamping area of stationary table 1420 x 510 mm

AGMA VMC115 MACHINING CENTRE

- X-, Y-, Z-axis travel 1100 x 550 x 550 mm

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

STEEL CONSTRUCTION



CONSTRUCTION INDUSTRY



PLASTICS

PACKAGING TECHNOLOGY



**MACHINE
CONSTRUCTION**



METAL CUTTING
FROM 10 M TO 20 T POSSIBLE



PAPER

CONSTRUCTION



HANDLING-SYSTEMS



STAINLESS STEEL



ELECTROSTATIC PAINTING

