

WE WANT MORE.

THE COMPANY

We are an owner-run family business that has stood for innovation, the highest levels of quality and growth since it was founded. Ranging from the idea to the development and extending to the production and commissioning, we manufacture complex assemblies for machines in close cooperation with our customers.

We are experts in the field of system and assembly manufacturing. Our strengths are to be found in the vacuum, coating, automotive, transmission and cam technology industries.

We are the market leaders in Germany in the tool changer sector for lathes and milling machines.

40 years of experience, an 80 per cent export quota, a workforce of almost 200 employees - WASSERMANN TECHNOLOGIE is your proven and innovative partner.



WASSERMANN TECHNOLOGIE GmbH

Bürgermeister-Ebert-Straße 5 / 36124 Eichenzell
T +49 (0)6659 82-0 / F +49 (0)6659 4198

www.wassermann-technologie.de



MACHINERY

SERVICE RANGE:
METAL CUTTING, ASSEMBLY,
QUALITY ASSURANCE

STATE-OF-THE-ART TECHNOLOGY FOR THE HIGHEST DEMANDS

THE MACHINE PARK OF WASSERMANN TECHNOLOGY

In order to ensure the best quality for our customers and partners, we back a state-of-the-art and broad-based machine park. We are thus able to cover the various process steps of the machining entirely by ourselves.

One of the highlights is the new INDEX R300 turning / milling centre. It provides the option of simultaneously machining on the main and counter spindles in combination with two full-size milling spindles. This world first innovation opens up new options with regard to the rational machining of simple as well as complex turned parts.



INDEX R300 turning / milling centre

	TURNING/MILLING CENTRE			TRAVEL RANGES		
	Turning D	Turning L	C	X	Y	Z
Index R 300 with automatic short bar loader; maximum bar capacity D 100	400	600	360°/0,001°	580/780	140	610
Gildemeister CTX gamma 2000 TC	630	2.050	60°/0,001°	630	200	2.050
OKUMA CNC MACTURN 50	610	1.500	360°/0,001°	600	230	1.500
Index G 250	250	1.400	360°/0,001°	300	200	1.400

	LATHE	TECHNICAL DATA	
		Turning diameter	Turning length
Gildemeister CTX 620 linear	CNC	800/600	2.000
Gildemeister CTX 510 eco V3 with automatic short bar loader; maximum bar capacity D 75	CNC	680 Sob/465 Soc	1.050
SAELO CONTUR H-66 P-3000	CNC	660 Sob/400 Soc	3.000
OKUMA LB 15	CNC	300	750

	MILLING	TRAVEL RANGES				
		Number	X	Y	Z	Holder
UNISIGN-Uniport 600 5-sided machining	1	5.000	3.000	1.000	HSK 100	
DECKEL MAHO DMF 360-II	1	3600	1.100	900	HSK 100	
DECKEL MAHO DMU 200 P 5 sided machining	1	1.800	2.000	1.100	HSK 100	
DECKEL MAHO DMC 160 U 5 sided machining with plate changer	1	1.600	1.250	1.000	HSK 100	
DECKEL MAHO DMU 125 P 5 sided machining	2	1.250	800	800	SK 50	
DECKEL MAHO DMC 100 U 5 sided machining with plate changer	1	1.000	1.250	1.000	HSK 100	
DECKEL MAHO DMU 70 VL 5 sided machining	1	710	2.000	1.100	HSK 63	
HEDELIUS BC 100/50	1	3.500	1.000	770	SK 50	
OKUMA CNC MC 6	1	1.500	630	610	SK 50	
OKUMA CNC MC 3	1	510	330	400	SK 40	
EMCOMAT FB-600	1	600	400	400	SK 40	
Grob G 350 5-sided machining	1	600	855	755	HSK 63	



*HEDELIUS BC 100/50 and DMG MORI DMU 125 P are equipped with the WASSERMANN tool terminal.

Production and order management is performed using the AIDA ORGA production control station.

	SCHLEIFEN	TRAVEL RANGES			MACHINING DIA	
		X	Y	Z	Max loop dia.	Grinding depth
Studer S41 CNC Universal cylindrical grinding machine	Distance between centres: 1.600	Centre height: 275				
Studer S33 CNC Universal cylindrical grinding machine	Distance between centres: 1.000	Centre height: 175				
Kopp SK 22 CNC Jig grinding machine	650	250	300	900		
Kopp FSK 35 CNC Jig grinding machine	1.200	285	600	1.200	230	
REFORM CNC Surface grinding machine	300	300	200			
REFORM CNC Rotary table surface grinding machine Type: RFV 1.000				1.100		
MACO RT 400 Surface grinding machine		Grinding surface: 300 x 150mm				
Supfina Superfinish finish treatment						

	QUALITY ASSURANCE	TRAVEL RANGE		
		X	Y	Z
MITUTOYO Crysta-Apex C 3D machine		900	1.600	800
MITUTOYO Profile Projector PV-5 I 100 with data processor QM-Data				
200 MITUTOYO SJ-400 device for measuring finish roughness				
FaroArm Platinum	Capture point	Measuring volume up to 3.7 metres		
Krautkrämer Branson hardness measuring device "Microdur II"				
Surftest device for measuring finish roughness MarSurf PS 10				
Vacuum testing device (10-8 spray test, integral test HV 1)				
SPECTRO Spectrotest JR Spectral analysis unit				
MITUTOYO Height measurement device LH 600 E 2x				

	CLEANING	TECHNICAL DATA	
ROLL Ultrasound cleaning system		700 x 600 x 350	

	HEAT TREATMENT	TECHNICAL DATA	
Convection chamber furnace		Ofenraum 1000 x 1500 x 1000, max 850°C	

	VIBRATION RELEASE	VIBRATION TREATMENT FOR WORKPIECES	
VSR Vibmatic 6000		from 100 kg to 200 t	

	HEAT TREATMENT	TECHNICAL DATA	
Mounting surface		3,000 m ² / part weight up to 10 tons	