



Machining dimensions

Your partner for a wide range of production capacities:

Thanks to our extensive machine pool and qualified personnel, we are able to take on system responsibility for your components and products.

Your advantages:

- Cost savings through reduction in in-house production depth
- Significantly reduced maintenance efforts
- Great logistics benefits and lower warehousing costs
- Low manufacturing costs thanks to shorter processing times

RILE Flexible Manufacturing System (FMS)	Working area machine	PALLET SIZE Machine
Automation of Work Pieces (Pallets) and Tools	X = 1250 mm Y = 1000 mm Z = 1000 mm	800 x 800 x 125 mm for work pieces up to: 1540x1250x1200 other pallet sizes can be used in the RILE FMS at any time

Flexible Manufacturing System (FMS)	Working area machine	Storage system, consisting of:
Automation of two machining centers using a flexible tool and pallet system	X = 1000 mm Y = 800 mm Z = 1000 mm	2 setup stations and 26 pallet places

NC-Milling	X in mm	Y in mm	Z in mm
for Carbon and Ureol processing	4800	1800	1200

HIGH SPEED CUTTING PRECISION CENTER	X in mm	Y in mm	Z in mm
for tool and mold making	1050	800	560

LATHE & MILLING	Type	Working area machine	Ø in mm
Gantry milling machine with 2 integrated rotary tables	Gantry	X = 12000 mm Y = 5300 mm Z = 1600 mm	5300 mm

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CNC-PRECISION CENTERS	X in mm	Y in mm	Z in mm
CNC large	3500	2200	2000
CNC large	2800	2200	2100
CNC large	2600	1600	1800
CNC middle	1800	2100	1250
CNC middle	1600	1250	1000
CNC middle	1000	800	1100
CNC middle	1000	800	800
CNC small	800	800	710

CNC-Milling & Lathe CENTERS	X in mm	Y in mm	Z in mm
CNC large	4000	1300	1600
CNC middle	1250	1250	1000
CNC small	1250	1000	1000

New Invest

FMS – of three Multi-Process Vertical Lathe Machining Centers	Type	Ø in mm	Length in mm
automatic pallet changer	with 15 pallets and two setup stations		
CNC	double-RAM	2400	2500
CNC	single-RAM	2400	2500
CNC (SOP 2022)		2400	2500

LATHE	Type	Ø in mm	Length in mm
CNC	vertical	3750	3000
CNC	vertical	2800	2370
CNC	vertical	2500	2500
CNC	vertical	2000	1500
CNC	vertical	1000	800
CNC	lining	640	-

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LATHE	Type	Ø in mm	Length in mm
conventional	On face plate max.	1600	-
conventional	Between tips max.	575	3000

DRILLING	Ø in mm (for steel)	Reach
conventional	60	2000

DRILLING	X in mm	Y in mm	Z in mm
NC	1000	1250	50

MILLING	X in mm	Y in mm	Z in mm
CNC	3500	1000	750
CNC	2300	800	600
CNC	1525	660	610
CNC	760	510	610
CNC	800	560	510
CNC	400	400	400

Gear Cutting Machine	Workpiece-Ø in mm	Workpiece-Ø in mm	Workpiece-Ø in mm
Gear hobbing	1200	900	600

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FLAT GRINDING MACHINE	X in mm	Y in mm	Z in mm
conventional	2100	900	600

PLAIN GRINDING MACHINE	Ø in mm	Length in mm
CNC	450	1600

STEEL MANUFACTURE	Welding places	Saw Ø mm	1 crane
Capacity	6	400	10 tons

ASSEMBLY	Assembly space in qm	3 cranes
Capacity	3500	from 5 - 10 tons

On-schedule - optimum availability

We use homogenous machining possibilities for products of all sizes to guarantee quick capacity availability and reliable delivery dates.

Your advantages:

- Short delivery times
- On-schedule delivery thanks to possibility of switching to backup production capacity