

Horizontal Floor Type CNC Machining Center WALDRICH COBURG



Technical data:

No.	Feature	Value	Dimension
	FLOOR PLATE:		
1	Dimension	10000 * 4000	mm
2	Max workpiece weight on the floor plate	40	tons
3	Column travel, transverse (X- axis)	11000	mm
5	Drilling unit, vertical (Y-axis)	3500	mm
6	Y – axis speed	0-60000	mm/min
7	Drilling unit travel (Z-axis) RAM travel	1500	mm
	ROTARY TABLE:		
8	Dimension	3000 * 3000	mm
9	Max workpiece weight on the rotary table	30	tons
10	Position accuracy B-axis	±3	sec
11	Indexing 4 * 90	±2	sec
12	Table motion (W-axis)	2000	mm
	MILLING, BORING & DRILLING UNIT:		
13	Automatic indexing	0-360	degree
14	Spindle exchange system: no. of places	4	-
	CONTROL CONFIGURATION:		
15	Programmable logic controller (PLC)	SIEMENS - SIMATIC S7	
16	Numerical control (NC)	SIEMENS – SINUMERIK 840 D CNC	
17	Sealed incremental transducer	HEIDENHAIN, LB 382 C	

5 AXIS Milling Machine IBARMIA ZVH 55



Technical data:

No.	Feature	Value	Dimension
	TRAVELS:		
1	X axis travel (length)	2000	mm
3	Y axis travel (cross)	800	mm
4	Z axis travel (vertical)	900	mm/min
5	NC head tilting range	° +/- 105°	deg
6	TABLE:		
7	Fixed table dimensions	2200*800	mm
8	Max. table load capacity	2000	kg/m ²
	MAIN SPINDLE:		
9	Maximum speed	12000	rpm
10	Digital controls	Siemens	
11	Positioning accuracy Tp X-Y (1000 mm)	10	µm

SAFOP Heavy Duty CNC Lathe 15 m

Model Leonard 60/1800



Technical data:

No.	Feature	Value	Dimension
1	Distance between centers	15500	mm
2	Max. diameter that can be turned	1700	mm
3	Max. weight between centers	25000	daN
4	Main spindle motor power	100	KW
5	Main spindle 1 st range speed rate	1-150	RPM
6	1 st range speed rate at constant power (95 KW)	54-150	RPM
7	Main spindle 2 nd speed rate	3-300	RPM
8	Main spindle 3 rd speed rate	5-600	RPM
9	C – axis speed rate	0.005-5	RPM
10	C – axis maximum torque at spindle	6723	Nm
11	Capacity of 800 dia. Steel chuck	80/700	mm
12	Chuck maximum speed rate	600	RPM
13	Maximum weight allowed on the jaw	7000	daN
14	Chuck maximum speed rate	600	RPM
15	Maximum weight allowed on the jaw	10000	daN
16	Chuck maximum speed rate	600	RPM
17	Chuck maximum speed rate	300	RPM
18	X-axis travel	800	mm
19	Z-axis travel	15540	mm
20	Quill travel	290	mm
21	C-rest capacity	800-1200	mm
22	Speed rate of external grinding unit	1250	RPM
23	Maximum grinding wheel diameter	750	mm
24	Maximum diameter that can be ground	1200	mm
25	SIMENS numerical control	840D	

5 AXIS Milling Machine
DMG MORI-DMF180/7

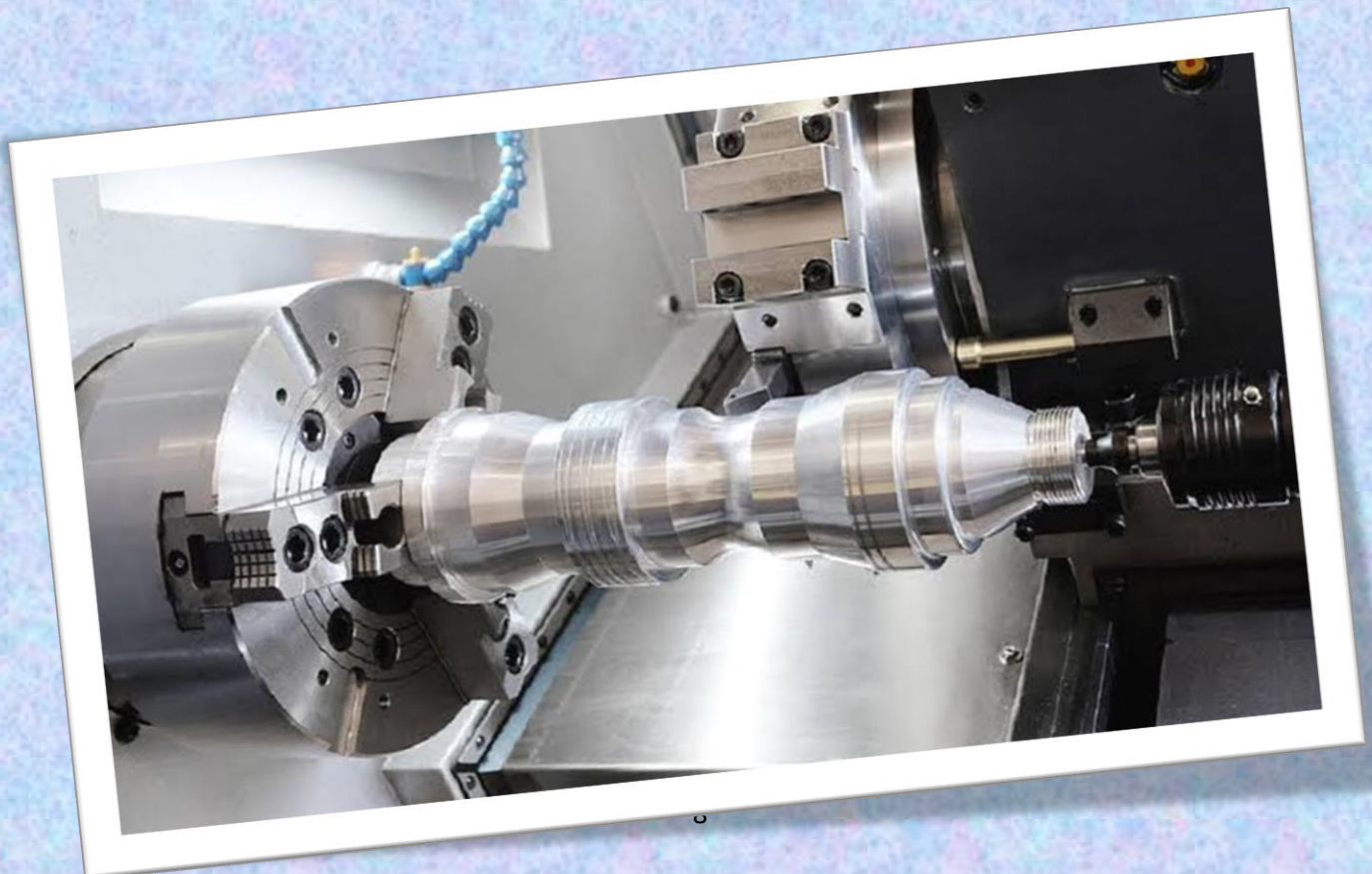


Technical data:

No.	Feature	Value	Dimension
	TRAVELS:		
1	X axis travel (length)	1800	mm
2	Y axis travel (cross)	700	mm
3	Z axis travel (vertical)	700	mm/min
4	NC head tilting range	° +/- 110°	deg
	TABLE:		
5	Fixed table dimensions	1800*700	mm
6	Max. table load capacity	1500	kg/m2
7	Number of "T" slots	7	
	HEADSTOCK ELECTRO SPINDLE:		
8	Maximum speed	15000	rpm
9	Maximum torque at 100%	350	Nm
	CONTROLS		
10	Digital controls	Siemens 840DSL	
11	Headstock Electro Spindle		
	ACCURACY VDI:		
12	Positioning accuracy Tp X-Y (1000 mm)	10	µm
13	Repeatability	5	µm
14	Measuring system on B axis	Encoder	
15	Positioning accuracy Tp B	6"	s

Mill-Turn CNC Lathe

SPINNER TC800



Technical data:

No.	Feature	Value	Dimension
	Working area:		
1	Swing diameter	800 mm	mm
3	Max. turning diameter	800 mm	mm
4	Max. turning length	1580	mm
5	X-axis	360	mm
6	Z-axis	900	mm
7	Spindle 1:		
8	Max. spindle speed	2.600	r.p.m
9	Spindle nose	A1	1 /DIN
10	Chuck diameter	400	mm
11	Spindle bore	110	mm
12	Torque Mmax	Gear range 1 : 2250	Nm
	Spindle 2:		
14	Max. spindle speed for driven tool	4000	r.p.m
	Turret:		
16	Number of tool stations	12xVDI50	
17	Number of driven tools	12	
18	Toolholder	VDI50	
19	Torque Mmax	80	Nm
20	Performance Pmax	37	kW

CNC Horizontal Lathe (2 m Diameter 800 mm)



Technical data:

No.	Feature	Value	Dimension
	Working area:		
1	Swing diameter	800 mm	mm
3	Max. turning diameter	800 mm	mm
4	Max. turning length	2000	mm
5	Deep gap max.	swing 1000 x L 500	mm
6	Headstock bore diameter	120	mm
7	Max load	8	tons
8	Max. spindle speed	2.600	r.p.m
9	Spindle nose	A1	1 /DIN
10	Chuck diameter	500	mm
11	Max. spindle speed for driven tool	1500	r.p.m
12	Number of tool stations	8xVDI50	
13	Number of driven tools	2	
14	Toolholder	VDI50	

