



- Infinitely variable feed control via servo-motor
- Optimum tooling and easy access for cranes and forklift trucks
- Heavy-duty column with wide, hardened guideways
- hydraulic clamping of cross traverse
- Rigid guide construction ensures maximum rigidity and accuracy of the vertical boom
- Spindle runs in a high-precision two-row roller bearing and is adjustable
- reduction gear drive ensures high torque and a speed range of 10 - 315 rpm
- Servo motor technology ensures powerful, infinitely variable feed of the vertical boom



## Standard Equipment

3-axis position indicator, totally enclosed work space, chip conveyor, tool holder, vertical, tool holder, horizontal, automatic central lubrication, work lamp, anchor bolts, operating tools, operator manual

## Options

## Part No.

• Coolant System	251430
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Vertical support includes a 5-station tool holder, side support with independent feed for inside and outside turning

Specifications VDM		800 S	1000 S	1250 S	1600 S	2300 S	2600 S
<b>Working area</b>							
Rotating diameter (max.)	mm	800	1.000	1.250	1.600	2.300	2.600
Turning diameter of upper tool holder	mm	800	1.000	1.250	1.600	2.300	2.600
Turning diameter of side tool holder	mm	720	900	1.000	1.400	2.000	2.300
Machining height (max.)	mm	800	800	1.000	1.000	1.350	1.500
Swivel range of upper tool holder		± 30°	± 30°	± 30°	± 30°	± 30°	± 30°
Workpiece length (max.)	mm	800	800	1.000	1.000	1.350	1.500
Workpiece weight (max.)	kg	1.200	2.000	3.200	5.000	8.000	10.000
<b>Travels</b>							
Travel X1 axis, upper support	mm	570	670	700	915	1.150	1.300
Travel Z1 axis, upper support	mm	600	600	650	800	1.000	1.000
Travel W-axis, traverse	mm	580	580	650	650	1.000	1.100
Travel X2 axis, side support	mm	500	500	630	630	630	730
Travel Z2 axis, side support	mm	800	800	900	900	980	1.180
<b>Headstock</b>							
Speed range	1/min	(16) 10 - 315	(16) 8 - 250	(16) 6,3 - 200	(16) 5 - 160	(16) 3,2 - 100	(16) 1,4 - 45
Spindle Torque (max.)	Nm	10.000	12.500	17.500	25.000	32.000	32.000
Rotary table diameter	mm	720	900	1.000	1.400	2.000	2.300
<b>Feed</b>							
Velocity X / Z axis	mm/min	0,8 - 86	0,8 - 86	0,8 - 86	0,8 - 86	0,8 - 86	0,8 - 86
Feed speed W-axis	mm/min	440	440	440	440	440	440
Rapid feed of upper / side support	mm/min	1.800	1.800	1.800	1.800	1.800	1.800
Tool shank dimensions	mm	30x40	30x40	30x40	30x40	30x40	30x40
Tool weight (max.)	kg	50	50	50	50	50	50
<b>Drive capacity</b>							
Motor rating main drive	kW	22	22	22	30	37	37
Motor rating X / Z axis	kW	1,3 / 1,8	1,3 / 1,8	1,3 / 1,8	1,3 / 1,8	1,3 / 1,8	1,3 / 1,8
<b>Measures and weights</b>							
Overall dimensions (length x width x height)	m	4,9x3,5 x4,15	4,9x3,6 x4,15	5,3x3,8 x4,2	6,5x4,2 x4,4	7,6x5 x5,4	7,9x5,3 x5,4
Weight	kg	6.500	7.100	9.000	12.500	19.000	27.500
Part No.		301390	301391	301392	301393	301394	301396