



- 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, fully enclosed housing, 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
Working Area							
Rotating diameter (max.)	in	31	39	49	63	91	102
Turning diameter of upper tool holder	in	31	39	49	63	91	102
Turning diameter of side tool holder	in	28	35	39	55	79	91
Machining height (max.)	in	31	31	39	39	53	59
Swivel range of upper tool holder		± 30°	± 30°	± 30°	± 30°	± 30°	± 30°
Workpiece length (max.)	in	31	31	39	39	53	59
Work piece weight (max.)	lbs	2,640	4,400	7,040	11,000	17,600	22,000
Travels							
Travel X1 axis, upper support	in	22	26	28	36	45	51
Travel Z1 axis, upper support	in	24	24	26	31	39	39
Travel W-axis, traverse	in	23	23	26	26	39	43
Travel X2 axis, side support	in	20	20	25	25	25	29
Travel Z2 axis, side support	in	31	31	35	35	39	46
Headstock							
Speed range	rpm	(16) 10 - 315	(16) 8 - 250	(16) 6.3 - 200	(16) 5 - 160	(16) 3.2 - 100	(16) 1.4 - 45
Spindle Torque (max.)	ft.lb.	88,500	110,625	154,875	221,250	283,200	283,200
Rotary table diameter	in	28	35	39	55	79	91
Feed							
Velocity X / Z axis	in/min	0 - 3	0 - 3	0 - 3	0 - 3	0 - 3	0 - 3
Feed speed W-axis	in/min	17	17	17	17	17	17
Rapid feed of upper / side support	in/min	71	71	71	71	71	71
Tool shank dimensions	in	1x2	1x2	1x2	1x2	1x2	1x2
Tool weight (max.)	lbs	110	110	110	110	110	110
Drive capacity							
Motor rating main drive	Hp	29.5	29.5	29.5	40.2	49.6	49.6
Motor rating X / Z axis	Hp	1,3 / 1,8	1,3 / 1,8	1,3 / 1,8	1,3 / 1,8	1,3 / 1,8	1,3 / 1,8
Measures and weights							
Overall dimensions (length x width x height)	in	192.91x137.79 x163.39	192.91x141.73 x163.39	208.66x149.61 x165.35	255.9x165.35 x173.23	299.21x196.85 x212.6	311.02x208.66 x212.6
Weight	lbs	14,300	15,620	19,800	27,500	41,800	60,627
Part No.		301390	301391	301392	301393	301394	301396