




See this machine  
in action on  
YouTube 



- Heat-treated machine bed made of premium HT250 cast-iron
- Large, induction-hardened and precision-ground rectangular guides with synthetic coating ensure optimum sliding and damping properties
- High-precision preloaded ball screws from renowned manufacturers on all axes
- Hydraulic clamping of cross traverse





Face plate with 4-station tool changer

## Standard Equipment

Siemens 828 D control, electronic hand-wheel, 4-jaw face chuck, automatic 4-station tool changer, coolant system, control cabinet with heat-exchanger, signal lamp, chip conveyor, hydraulic unit, oil cooler, workspace lighting, operating tools, operator manual

Options	Part No.
• Coolant Concentrate 5 Ltr.	103184
• Clamped Turning Tool Set 0.98 in	108670
• Indexable Insert Set 0.98 in, 30 pcs.	108675
• Hydraulic measuring tripod	108810
• Power Worker Metal Cutter	123040
• E-Verturn II 1250/1600/2300 VDM CNC spare parts package for 5 years	259162

- Includes the proven Siemens 828 D SL Control
- 4-step precision gears and infinitely variable 60 Hp main motor - for high torque (up to 29,500 ft/lbs) across the entire speed range
- Chip conveyor with chip carriage and automatic 4-station tool changer complete this extensive standard equipment

Specifications Verturn II VDM		1250 CNC	1600 CNC	2300 CNC
<b>Working Area</b>				
Turning diameter, vertical	in	49	63	91
Machining height (max.)	in	39	47	55
X-axis travel	in	28	36	46
Z-axis travel	in	26	31	39
Travel Z1-axis	in	26	33	41
Work piece weight (max.)	lbs	7,040	11,000	17,600
<b>Headstock</b>				
Speed range	rpm	0.5 - 250	0.5 - 200	0.5 - 100
Torque max.	ft.lb.	203,550	331,875	464,625
Lathe chuck diameter	in	39	55	79
<b>Feed</b>				
Rapid feed X- / Z-axis	in/min	157	157	157
Feed W-axis	in/min	17	17	17
<b>Tool Head</b>				
Number of tool stations	positions	4	4	4
Tool-change time tool/tool	sec	10	10	10
Tool weight max.	lbs	55	55	55
<b>Accuracies</b>				
Positioning accuracy	in	0.00118	0.00118	0.00118
Repeatability	in	0.00059	0.00059	0.00059
<b>Drive Capacity</b>				
Motor rating main drive	Hp	40.2	49.6	60.3
Motor rating feed	Hp	3	3	3
<b>Measures and Weights</b>				
Overall dimensions (length x width x height)	in	209x150x165	256x165x173	299x197x213
Weight	lbs	20,900	26,400	44,000
Part No.		180675	180676	180677