



Chester Double Column Machining Centre • V Series



Standard configuration:

- ✓ Fully enclosed splash guard
- ✓ Air-conditioned electrical cabinet
- ✓ Rigid tapping
- ✓ Ethernet, CF card and USB interface
- ✓ Automatic lubrication system
- ✓ Coolant system
- ✓ Spindle cooling system
- ✓ LED working lamp
- ✓ End of program light
- ✓ Electronic handwheel (MPG)
- ✓ Tool box
- ✓ Leveling bolts and blocks
- ✓ Coolant gun
- ✓ Air gun

Optional configuration:

- 24 pocket arm tool changer
- Chip conveyor (two screw type and one chain type)
- Gear box

Technical Specifications	V2317	V3317
Table		
Table size	2300 x 1500mm	3300 x 1500mm
T-slot (width x number x distance)	22 x 8 x 170mm	
Max. load	8.000kgs	10.000kgs
Travel		
X/Y/Z Travel	2300 / 1600 / 800mm	3300 / 1600 / 800mm
Spindle nose to table	240 - 1040mm	
Distance between columns	1680mm	
Spindle		
Spindle taper	SK50 / BT50 / CAT 50	
Spindle servo motor	22 / 60 Siemens, 22 / 26 Fanuc kW	
Spindle speed	6.000 min ⁻¹	
Spindle transmission	direct drive	

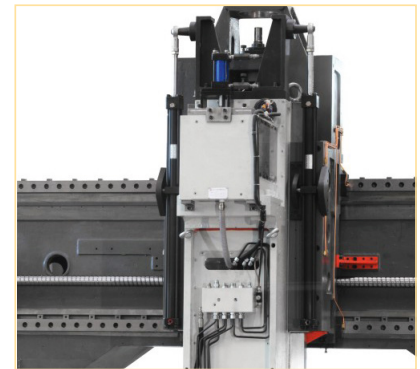
Technical Specifications		V2317	V3317
Feed			
Rapid feed	15 / 15 / 12 m/min		
Cutting speed	1-10.000 mm/min		
Tool changer			
Number of tools	24 (option) pcs		
Max. tool length	400mm		
Max. tool diameter	120 / 250 (next release)mm		
Max. tool weight	15kgs		
Accuracy (VDI 3441 Full travel)			
Positioning accuracy	0.016mm	0.019mm	
Positioning repeatability	0.013mm	0.015mm	
Dimensions & weight			
Dimensions	6700x4700x4550mm	8700x4700x4550mm	
Weight	24000kas	26000kas	

* The above specifications are subject to change without prior notice, no liability for mistakes. Machines may be shown with optional equipment.





- Extra wide column to increase to connection surface with the crossbeam to avoid vibration during cutting
- All axes are moved by high quality precision gear box to ensure high torque and rigidity during movement (V3317 on all axes and V3025 / V4025 on X axis)
- Roller type linear guideway, which offers super high rigidity and loading capacity
- Hydraulic balancing system on Z axis



Hydraulic balancing system



Gear drive



Chip conveyor



Optional configuration:

Technical Specifications	V3025	V4025
Table		
Table size	3000 x 2100mm	4000 x 2100mm
T-slot (width x number x distance)	28 x 9 x 220mm	
Max. load	8.000kgs	10.000kgs
Travel		
X/Y/Z Travel	3000 / 2500 / 1000mm	4000 / 2500 / 1000mm
Spindle nose to table	105 - 1105mm	
Distance between columns	2480mm	
Spindle		
Spindle taper	SK50 / BT50 / CAT 50	
Spindle servo motor	22 / 60 Siemens, 22 / 26 Fanuc kW	
Spindle speed	6.000 min ⁻¹	
Spindle transmission	direct drive	

Technical Specifications	V3025	V4025
Feed		
Rapid feed	12 / 12 / 10 m/min	10 / 12 / 10 m/min
Cutting speed	1-10.000 mm/min	
Tool changer		
Number of tools	24 (option) pcs	
Max. tool length	400mm	
Max. tool diameter	120 / 250 (next release)mm	
Max. tool weight	15kgs	
Accuracy (VDI 3441 (Full travel))		
Positioning accuracy	0.018mm	0.025mm
Positioning repeatability	0.015mm	0.020mm
Dimensions & weight		
Dimensions	7800x5300x-4950mm	9800x5300x-4950mm
Weight	29000kas	33000kas

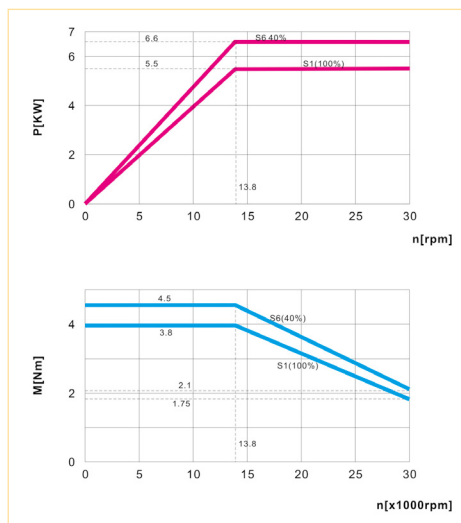
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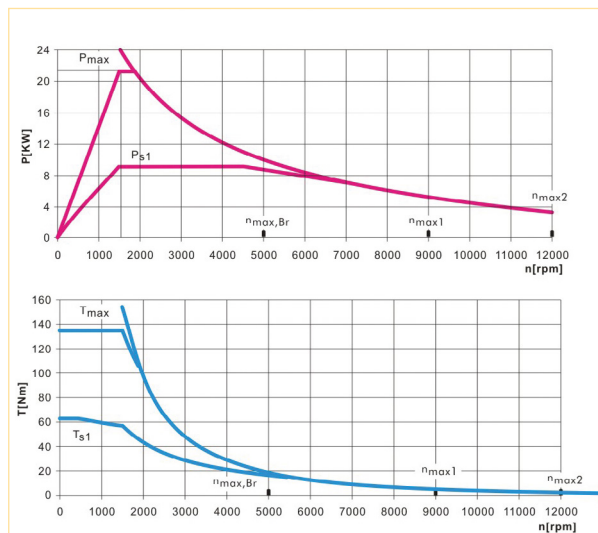


Torque diagram / Standard Siemens

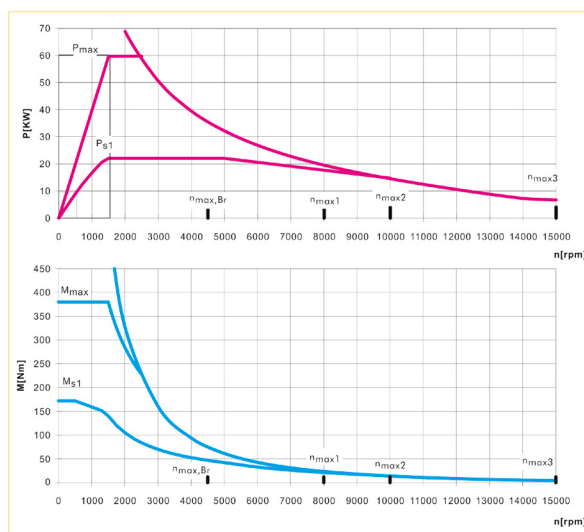
High Speed Double Column Centre V65HS



High Speed Double Column Centre V1613HS



Double Column Centre V2317 · V3317 · V3025 · V4025



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