

Single Column VTL Series



SIRMU offers its new series of CNC vertical lathes and CNC turning -milling - drilling centers, platform diameter ranging from 800 to 6.000 mm.

Designed for multi-purpose turning, milling, drilling and grinding. These machines are the result of Sirmu's over forty years experience in the vertical turning field.

The complete modularity allows a models customization according to users real needs. The wide range of accessories allows the maximum flexibility.

Feature	Measure	VTL moveable cross rail	VTL Fixed cross rail
		80-100-120	125-150
Table diameter	mm	800-1000-1200	1250-1500
	in	31.4-39.3-47	47-59
Max. turning diameter	mm	1500	1800
	in	59	70
Max turning height	mm	1000-1400-1600	600-800-1000
	in	39-55-62	23-31-39
Spindle motor power	KW	60	60-71-100
	hp	80	80-95-134
Table speed range	rpm	3-800/3-700*	3-450
Max workpiece weight	t	10	18
Vertical slide section	mm	230 x 230	260 x 260
	in	9 x9	10.2 x 10.2
Z axis slide stroke	mm	800-1000-1200	800-1000-1200
	in	31-39-47	31-39-47
Working and rapid feed	mm/min	12000	12000
Mechanical pad ways	ipm	472	472

Working and rapid feed	mm/min		18000
hydrpstatic ways	ipm		708
Milling motor power	KW	21.5	22-30-37
	hp	29	29-40-50
Milling spindle speed range	rpm	3000	3000
Milling spindle speed ranges	nbr	1	2
C axis positioning accuracy P	arc sec	8	8
C axis repeatability Ps	arc sec	6	6
* 700 rpm max. for 1200mm table dia			
