

## Double Column VTMP 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	VTMP moveable cross rail									
		220-250	280	300	350	400	450	500M	500I	600I	
Table diameter	mm	2200-2500	2800	3000	3500	4000	4500	5000	5000	6000	
	in	86-98	110	118	137	157	177	196	196	236	
Max. turning diameter	mm	3000	3500	3500	4200	4600	5200	5600-6500	5600-6500	7200-8000	
	in	118	137	137	165	181	204	220-255	220-255	283-314	
Max turning height	mm	2000-2400-2800	2000-2400-2800-3200	2400-2800-3200-3600	3200-3600-4000	3600-4000-4600-5000	3600-4000-4600-5000-5600-6000				
	in	78-94-110	78-94-110-125	94-110-125-141	125-141-157	141-157-181-196	141-157-181-196-220-236				
Spindle motor power	KW	60-71-100-130	60-71-100-135-155-190	100-135-155-190					100-130-155-190		
	hp	80-95-134-174	80-95-134-181-207-254	134-181-207-254					134-174-207-254		
Table speed range	rpm	2-225	2-190	2-170	1-140	1-120	0.6-100	0.6-90	0.6-60	0.6-50	
Max workpiece weight	t	36	40	50	60	80	100	120	150	250	
Vertical slide section	mm	260 x 260	260 x 260** (300x300***)	300 x 300	300 x 300(360X360)		300x300(360X360 (400X400)				
	in	10.2 x 10.2	10.2 x 10.2** (11.8 x 11.8***)	11.8 x 11.8	11.8 x 11.8 ( 14 X 14)		11.8 x 11.8 ( 14 X 14) (15.7x15.7)				
Z axis slide stroke	mm	1300-1600-1800**			1300-1600-1800-2100	1800-2100-(2300-2600****)		2100(2300,2600,3200****)			
	in	51-62-70			51-62-70-82	70-82(90-102****)		82(90-102-125****)			

Working and rapid feed	mm/min	12000	12000	12000	12000	12000	12000	12000	12000	12000	12000
Mechanical pad ways	ipm	472	472	472	472	472	472	472	472	472	472
Working and rapid feed	mm/min					15000					
hydrostatic ways	ipm					590					
Milling motor power	KW		22-30-37		30-37-41		37-41		41-51		
	hp		29-40-50		40-50-54		50-54		54-68		
Milling spindle speed range	rpm	3000	3000	3000	3000	3000	3000-2000****				
Milling spindle speed ranges	nbr					2					
C axis positioning accuracy P	arc sec	10	10	10	10	10	12	12	12	15	
C axis repeatability Ps	arc sec	6	6	6	6	6	6	8	10	10	
** dimension for turning slide only	*** dimension for turning,milling, drilling slide only	**** 2000rpm max for Z axis=2300,2600 or 3200mm									

