

# GMTK Multiprocess **VERTICAL RANGE VR**

**VR 1.6   VR 2.0   VR 2.4   VR 2.8   VR 3.2   VR 3.6   VR 4.0   VR 4.6   VR 5.3   VR 6.3**

Ø: 1.600 - 6.300 mm / 1.000 - 5.000 mm / Max 150 Ton



TECHNICAL CHARACTERISTICS		MONOBLOCK Models					DOUBLE COLUMN Models						
		VR 1.6	VR 2.0	VR 2.4	VR 2.8	VR 3.2	VR 3.6	VR 4.0	VR 4.6	VR 5.3	VR 6.3		
<b>GENERALITIES</b>													
Turning ø	mm	1.600	2.000	2.400	2.800	3.200	3.600	4.000	4.600	5.300	6.300		
Chuck ø	mm	1.200 ÷ 1.400	1.600 ÷ 1.800	2.000 ÷ 2.200	2.400 ÷ 2.600	2.800 ÷ 3.000	3.000 ÷ 3.200	3.400 ÷ 3.600	3.600 ÷ 4.200	4.300 ÷ 4.800	5.000 ÷ 5.800		
Turning height	mm	1.200 ÷ 1.800	1.200 ÷ 2.000	1.200 ÷ 2.400	1.200 ÷ 2.800	1.200 ÷ 3.000	1.200 ÷ 3.200	1.200 ÷ 3.500	1.400 ÷ 4.000	1.400 ÷ 4.500	1.400 ÷ 5.000		
Max. piece weight	Ton	8 (12)	10 (15)	15 (20)	25 (30)	30 (40)	40 (55)	50 (65)	70 (90)	90 (110)	120 (150)		
<b>CHUCK DRIVE</b>													
Turning power	kW	34 ÷ 60		44 ÷ 104			102 ÷ 186			142 ÷ 290			
Chuck speed	rpm	460 (510)	340 (380)	290 (305)	220 (240)	190	175	155	140	100	90		
C axis positioning speed	rpm	20	16	14	12	10	10	10	9	9	8		
		bidirectional											
C axis min. positioning angle		0.0001°											
Chuck drive guiding		Hydrostatic											
<b>W DRIVE (CROSS BEAM)</b>													
W axis speed	mm/min	3.500		3.000			2.000		1.500				
W axis drive		Gantry Type (Servo Drive)											
W axis positioning		every 0,01 mm											
<b>X DRIVE</b>													
X axis speed	mm/min	30.000				30.000 (25.000)			25.000 (20.000)				
X axis drive guiding		Hydrostatic											
<b>Z DRIVE</b>													
Z axis speed	mm/min	40.000				40.000 (25.000)			25.000 (20.000)				
Z axis drive guiding		Hydrostatic											
RAM section	mm	270 x 270					270 x 270 (340 x 340)			340 x 340 (400 x 400)			
RAM stroke	mm	1.250 / 1.500					1.250 / 1.500 (2.000 / 2.500)			2.000 / 2.500 (3.000)			
<b>MILLING DRIVE</b>													
Milling power	kW	22 / 37				37 / 51			37 / 51 / 60				
Milling speed	rpm	4.000				3.000 (4.000)			3.000 (4.000)				
<b>Y DRIVE (optional)</b>													
Y axis speed	mm/min	15.000		12.000			10.000		8.000				
Y axis stroke	mm	according to customer's requirements											
<b>RTHC (ROBOTIC TOOLS AND HEADS CHANGER) Patented Solution</b>													
Capacity	Number of tools	24 / 48 / 72 / 96 / 120 / 210 / (acc. customer)											
Max. Tool Ø / Length / Weight		250 / 500 / 35 / (acc. customer)											
Capacity	Number of accessories	2 ÷ 9 (acc. customer)											
<b>AUTOMATIC PALLETS CHANGER</b>													
Number of pallets		2 / (acc. customer)							n.a.				
Changing system		180° / Shuttle				Shuttle				n.a.			
<b>SEMI AUTOMATIC PALLETS CHANGER</b>													
Number of pallets		2 / (acc. customer)							n.a.				
Pallets loading		Manual by crane							n.a.				
Pallet clamping and centering system		Hydraulic through pins, centering repeatability 0.01 mm							n.a.				
<b>NUMERIC CONTROL</b>													
Model		Siemens 840 D.SL											

Other characteristics under request