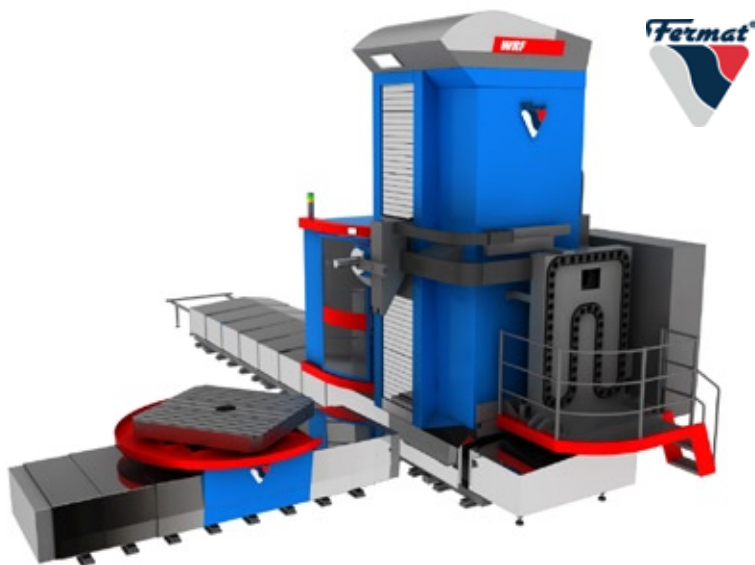


Floor Type – WRF 130, 150, 160 CNC

METRIC



- ENGAGING THE NEWEST TECHNOLOGY AND CONCEPT OF FLOOR-TYPE HORIZONTAL BORING MILLS CURRENTLY AVAILABLE

- THE POWERFUL HEADSTOCK CONSISTS OF A MOVABLE RAM SLIDE (Z-AXIS) WITH A MOVEABLE LIVE SPINDLE (W-AXIS)

- THE CNC ROTARY TABLES T25/ T40/ T50 WITH TABLE SIZES FROM 2 050 X 2 050 MM TO 3,000 X 3,000 MM, ARE MADE TO HOLD HEAVY WORKPIECES WITH WEIGHTS OF 25,000 KG 40,000 KG OR 50,000 KG.

- HEAVIER WORKPIECES CAN BE CLAMPED ON FLOOR PLATES OR SPECIALLY DESIGNED TABLES

- THE MODULAR DESIGN ALLOWS EACH MACHINE TO BE CONFIGURED TO EACH CUSTOMERS REQUIREMENTS, INCLUDING X-TRAVEL FROM 2,400 MM TO 28,100 MM, Y-AXIS TRAVEL FROM 2,000 MM TO 6,000 MM, WITH A VARIETY OF HEADSTOCKS, TABLES AND FLOOR PLATES

WRF 130, 150, 160 CNC - METRIC

Headstock		WRF 130	WRF 150	WRF 160
		LINEAR WAY	LINEAR WAY	LINEAR WAY
Spindle Diameter	mm	130	150	160
Spindle Taper		ISO 50	ISO 50 or 60	ISO 50 or 60
Tool Standard *		DIN 69871, CAT 50, BT 50	DIN 69871, CAT 50, BT 50	DIN 69871, CAT 50, BT 50
Spindle RPM*	RPM	10 - 3100	10 - 2800	10 - 2500
Spindle Motor Power (S1 / S6 - 40%)*	kW	37/56 Heidenhain 46/60 Fanuc 37/56 Seimens	60/80	60/80
Maximum Spindle Torque (S1 / S6 - 40%)*	Nm	2008/3039* Heidenhain 2171/3257* Fanuc 2008/3039* Siemens	2500/3331*	2500/3331*
Ram Dimensions (with Covers)	mm	430 x 490	460 x 500	460 x 500
Control System				
CNC Control System*		Heidenhain iTNC 530 Fanuc 31i Siemens 840D	Heidenhain iTNC 530 Fanuc 31i Siemens 840D	Heidenhain iTNC 530 Fanuc 31i Siemens 840D
Working Ranges				
Horizontal Column Travel (X-axis)*	mm	2400 - 28100	2400 - 28100	2400 - 28100
Vertical Head Travel (Y-axis)*	mm	2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000	2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000	2000, 2500, 3000, 3500, 4000, 4500, 5000, 5500, 6000
Ram Travel (V-axis)*	mm	900*	1000*	1000*
Spindle Travel (W-axis)*	mm	730	1000	1000
Operation Traverse All Axes	mm/min	1-10000	1-10000	1-10000
Rapid Travel X-axis	mm/min	20000	20000	20000
Rapid Travel Y-axis	mm/min	15000	15000	15000
Rapid Travel W-axis, Z-axis	mm/min	10000	8000	8000
Max. Axial Force X-axis, Y-axis	kN	25	40	40
Max. Axial Force W-axis, Z-axis	kN	30	40	40
Positioning Accuracy X,Y,Z,W	mm	+/- 0.01	+/- 0.01	+/- 0.01
Repeatable Positioning Accuracy X,Y,Z,W	mm	+/-0.005	+/-0.005	+/-0.005
Automatic Tool Changer (Optional)				
Tool Changer Storage Capacity*	Pc	20, 32, 40, 60, 90*	20, 32, 40, 60, 90*	20, 32, 40, 60, 90*