

Floor Type – WRF MILL

INCH



- DESIGNED SPECIFICALLY TO GET THE MAXIMUM PRODUCTIVITY OF ANGULAR HEADS AND OTHER ACCESSORIES

- MOVEABLE RAM SLIDE ALLOWS EASE OF USE AND EFFECTIVENESS

- FEATURING A MODULAR CONFIGURATION THAT WILL ALLOW A GREATER PRODUCTION VARIABILITY AND A RAPID SETUP THROUGH THE USE OF PERIPHERAL TOOLS AND ACCESSORIES

- AN ADVANTAGE OF THIS MACHINE IS RAM TRAVEL (Z AXIS) UP TO 1,500 MM.

- HYDRAULIC CYLINDERS COMPENSATE FOR RAM DEFORMATION DUE TO GRAVITY

- WORKPIECES CAN BE CLAMPED ONTO AN ADDITIONAL ROTARY TABLE, CLAMPING PLATES OR THE COMBINATION OF BOTH

AN EXTENSIVE RANGE OF SELECTABLE PARAMETERS COMBINED WITH A BROAD OFFERING OF OPERATING FUNCTIONS

WRF MILL - INCH

Headstock		WRF MILL
		LINEAR WAY
Spindle Diameter	in	Depends on accessory
Spindle Taper		ISO 50
Tool Standard *		DIN 69871, CAT 50, BT 50
Spindle RPM*	RPM	10 - 4000
Spindle Motor Power (S1 / S6 - 40%)*	HP	50/75
Maximum Spindle Torque (S1 / S6 - 40%)*	ft.lb	884*
Ram Dimensions (with Covers)	in	15.75 x 19.69
Control System		
CNC Control System*		Heidenhain iTNC 530 Fanuc 31i Siemens 840D
Working Ranges		
Horizontal Column Travel (X-axis)*	in	94.5 - 1106.3
Vertical Head Travel (Y-axis)*	in	78.7, 98.4, 118.1, 137.8, 157.5, 177.2, 196.8, 216.5, 236.2
Ram Travel (V-axis)*	in	59.1
Spindle Travel (W-axis)*	in	-
Operation Traverse All Axes	in/min	0.04 - 393.7
Rapid Travel X-axis	in/min	787.4
Rapid Travel Y-axis	in/min	590.5
Rapid Travel W-axis, Z-axis	in/min	no W-axis, 393.7
Max. Axial Force X-axis, Y-axis	lbf	5620
Max. Axial Force W-axis, Z-axis	lbf	no W-axis, 6744
Positioning Accuracy X,Y,Z,W	in	+/- 0.0004
Repeatable Positioning Accuracy X,Y,Z,W	in	+/-0.0002
Automatic Tool Changer (Optional)		
Tool Changer Storage Capacity*	Pc	20, 32, 40, 60, 90*