

Floor Type – WF 13 & 13R CNC

INCH



NEWEST TECHNOLOGY FEATURING EUROPEAN DESIGN

- THE MODERN EUROPEAN DESIGN OF THIS UNIVERSAL BORING AND MILLING MACHINE PROVIDE GREATER CONTROL WHEN PROCESSING LARGE AND HEAVY WORKPIECES WITH GREATER PRECISION AND HIGH QUALITY
- CONTROL SYSTEMS - HEIDENHAIN iTNC 530 / FANUC 31 / SEIMENS 840D

MACHINE AXES

- THANKS TO OUR MODULAR DESIGN OUR CUSTOMERS CAN CONFIGURE THE MACHINE TO THEIR REQUIREMENTS
- X-AXIS (COLUMN TRAVEL) FROM 2300 MM TO 7800 MM - POSSIBILITY TO EXTEND 500 MM OR 1000 MM

THE ADDITIONAL CNC ROTARY TABLE IS OFFERED IN THREE DIMENSIONS

- 1600 X 1800 MM WITH MAXIMUM TABLE LOAD 15 TONS
- 1800 X 2200 MM WITH MAXIMUM TABLE LOAD 15 TONS
- 2000 X 2400 MM WITH MAXIMUM TABLE LOAD 20 TONS

THE V-AXIS (TABLE-REVERSE) IS OFFERED FROM 1500 TO 6200 MM

- MULTIPLE ACCESSORIES AVAILABLE
- COMBINING SPEED AND ACCURACY WITH POWER INCREASES YOUR FLEXIBILITY TO HANDLE THE MOST DIFFICULT JOBS WITH PRECISION

WF 13 & 13R CNC - INCH

Headstock		WF 13
		BOX WAY
Spindle Diameter	in	5.12
Spindle Taper		ISO 50
Tool Standard *		DIN 69871, CAT 50, BT 50
Spindle RPM*	RPM	10 - 3100
Spindle Motor Power (S1 / S6 - 40%)*	HP	50/75 Heidenhain 54/80 Fanuc 37/56 Siemens
Maximum Spindle Torque (S1 / S6 - 40%)*	ft.lb	1481/2242* Heidenhain 1601/2402* Fanuc 1481/2242* Siemens
Ram Dimensions (with Covers)	in	15.75 x 18.30
Control System		
CNC Control System*		Heidenhain iTNC 530 Fanuc 311 Siemens 840D
Working Ranges		
Horizontal Column Travel (X-axis)*	in	59.1 - 338.6
Vertical Head Travel (Y-axis)*	in	66.9, 78.7, 98.4, 118.1, 137.8
Ram Travel (V-axis)*	in	23.6 OPTIONAL
Spindle Travel (W-axis)*	in	28.7
Operation Traverse All Axes	in/min	0.04 -315
Rapid Travel X-axis	in/min	393.7
Rapid Travel Y-axis	in/min	472.4
Rapid Travel W-axis, Z-axis	in/min	393.7 no Z-axis
Max. Axial Force X-axis, Y-axis	lbf	4496
Max. Axial Force W-axis, Z-axis	lbf	4496 no Z-axis
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*