

Table Type – WFT 13 CNC & *WFT 13R CNC

METRIC



• 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

• 5.1" SPINDLE

• FEATURING A POWERFUL HEADSTOCK, HIGH AXIAL FORCES AND THE MOST PRECISE TABLE IN ITS CATEGORY

* WFT 13R OFFERS (X, Y, Z, V, W AND B). A FULL SERVO CONTROLLED ROTARY TABLE OPTION ALLOWS FOR CONTINUOUS B-AXIS ROTATION (CONTOURING) SIMULTANEOUSLY WITH X, Y, Z, V OR W AXES.

* The optional WFT 13R offers a live ram axis

WFT 13 CNC & WFT 13R CNC - METRIC

Headstock			WFT 13 BOX WAY	WFT 13R BOX WAY
Spindle Diameter	mm		130	130
Spindle Taper			ISO 50	ISO 50
Tool Standard *			DIN 69871, CAT 50, BT 50	DIN 69871, CAT 50, BT 50
Spindle RPM*	RPM		10 - 3100	10 - 3100
Spindle Motor Power (S1 / S6 - 40%)*	kW		37/56 Heidenhain 40/60 Fanuc 37/56	37/56 Heidenhain 40/60 Fanuc 37/56
Maximum Spindle Torque (S1 / S6 - 40%)*	Nm		2008/3039* Heidenhain 2171/3257* Fanuc 2008/3039* Siemens	2008/3039* Heidenhain 2171/3257* Fanuc 2008/3039* Siemens
Ram Dimensions (with Covers)	mm		400x465	400x465
Control System				
CNC Control System*			Heidenhain iTNC 530 Fanuc 311 Siemens	Heidenhain iTNC 530 Fanuc 311
Working Ranges				
Horizontal Table Travel (X-axis)*	mm		1500,2000,2500,3000,3500,4000,4500, 5000	1500,2000,2500,3000,3500,4000,4500, 5000
Vertical Head Travel (Y-axis)*	mm		1700,2000,2500,3000,3500	1700,2000,2500,3000,3500
Column Travel (Z-axis)*	mm		1200, 1700 for Y-Axis from 1700 to 2500mm 1500, 2000 for Y-Axis 3000 and 3500	1500, 2000, 2500, 3000
Ram Travel (V-axis)*	mm		-	600
Spindle Travel (W-axis)*	mm		730	730
Operation Traverse All Axes	mm/min		1 - 8000	1 - 8000
Rapid Travel X-axis	mm/min		12000	12000
Rapid Travel Y-axis	mm/min		12000	12000
Rapid Travel V-axis, W-axis, Z-axis	mm/min		no V-axis, 10000, 10000	no V-axis, 10000, 10000
Rapid Travel B-Axis	RPM		2	2
Max. Axial Force X-axis, Y-axis	kN		20	20
Max. Axial Force V-axis, W-axis, Z-axis	kW		no V-axis, 30,30	no V-axis, 30,30
Positioning Accuracy X,Y,Z,W	mm		+/- 0.01	+/- 0.01
Repeatable Positioning Accuracy X,Y,Z,W	mm		+/- .005	+/- .005
Table				
Table Dimensions	mm		1600x1800, 1800x2200, or 2000x2400	1600x1800, 1800x2200, or 2000x2400
Maximum Table Load	kg		15000 or 20000	15000 or 20000
T-slot - size	mm		22 H8	22 H8
Automatic Tool Changer (Optional)				
Tool Changer Storage Capacity*	Pc		20, 32, 40*	20, 32, 40*