



+44 (0)1926 852725
www.wmtcnc.com

Product Specifications

WELE - UA Series

UA-2090 / UA-2590

Specification / Machine model	Unit	UA-2090	UA-2590
X travel (left & right)	mm (in)	2000 (78.7)	2500 (98.4)
Y travel (in & out)	mm (in)	900 (35.4)	
Z travel (up & down)	mm (in)	700 (27.5)	
Distance between table and vertical spindle nose	mm (in)	80-780 (3.14-30.7)	
Swiveling range of the A axis	degree	±30 (BBT50) , ±40 (BBT40)	
Rotating range of the B axis	degree	±30 (BBT50) , ±40 (BBT40)	
Table size (X direction)	mm (in)	2150 (84.6)	2650 (104.3)
Table size (Y direction)	mm (in)	900 (35.4)	
Table load capacity	kg (lb)	2200 (4850)	3000 (6614)
Spindle speed	rpm	Built-in driven/12000	
Spindle motor (cont./30 min. rating)	kW (HP)	24/30 (33/40)	
Spindle taper		BBT#50	
Rapid feedrate (X & Y axis)	mm(in)/min	20,000 (787.4)	
Rapid feedrate (Z axis)	mm(in)/min	18,000 (708.7)	
Cutting feedrate	mm(in)/min	1-10,000 (393.7)	
Tool magazine capacity	pcs	30	
Max. tool diameter / Adjacent pocket empty	mm (in)	125/ 200 (4.9/7.8)	
Max. tool length	mm (in)	300 (11.8)	
Max. tool weight	kg (lb)	15(33)	
Positioning accuracy (JIS standard)	mm (in)	±0.015/1000 (±0.0006/39.4)	
Repeatability accuracy (JIS standard)	mm (in)	±0.005/300 (±0.0002/11.8)	
Indexing axial positioning accuracy	arc sec	±15" (A axis) / ±30" (B axis)	
Indexing axial repeatability	arc sec	±10" (A axis) / ±15" (B axis)	
Machine length	mm (in)	5,300 (208.7)	6,000 (236.2)
Machine width	mm (in)	3,300 (129.9)	
Machine height	mm (in)	4,000 (157.4)	
Machine weight	kg (lb)	23,000 (50,600)	25,000 (55,000)