

Specification	Unit	VDW50
Table		
Work table size	mm	Φ500
Max. load	Kg	300 (0°) 、 200 (0 ~ 90°)
Clamping area	mm	Φ600×460
T-slots (numbers*width* centre distance)		8×14×45°
Table indexing (B axis×C axis)		175° (left110°~ right65°) ×360°
Rotating speed(B/C axis)	rpm	17.75
Travel		
X/Y/Z axis travel	mm	500/450/400
X/Y/Z axis guideway type		Linear guideway
Distance from spindle nose to table	mm	150 ~ 600
Feedrate		
X/Y/Z axis rapid traverse	m/min	30/30/30(Opt:36/36/36)
X/Y/Z axis cutting feedrate	m/min	0 ~ 20
Spindle		
Spindle type		Direct drive spindle
Spindle motor power	kW	7 (Ps1)/15(Pmax)
Spindle motor torque	N.m	45(Ms1)/95(Mmax)
Max. spindle speed	rpm	12000
ATC		
Tool magazine capacity		24T Arm
Tool shank type		HSK-A63
Max. tool weight	kg	8
Max. tool diameter(w/o adjacent tools)	mm	Φ75 (Φ130)
Max. tool length	mm	300
Machining capacity		
Tapping range(steel)		M3 ~ M24
Max.drilling diameter(steel)		Φ36
Accuracy		
X/Y/Z axis positioning accuracy	mm	0.008 (X) 、 0.008 (Y) 、 0.008 (Z)
X/Y/Z axis repeatability accuracy	mm	0.005 (X) 、 0.005 (Y) 、 0.005 (Z)
B/C axis positioning accuracy	inch	10" (B)、 8" (C)
B/C axis repeatability accuracy	inch	4" (B)、 3" (C)
CNC controller		
CNC controller		SIEMENS SINUMERIK 840DsI、 HEIDENHAIN iTNC 640
General		
Machine dimensions(L×W×H)	mm	5242×4650×3260
Machine weight	kg	8000