



Machine tool specifications

Item	Unit	HDT540	HDT640
XYZ axis travel	mm	500 400 350	600 400 450
Spindle center to Column surface	mm	450	475
Spindle nose to table surface	mm	170-520	150-600
Z axis feed speed	mm/min	1-5000	1-5000
Table size	mm	600x400	860x430
Max table load	kg	200	300
T slot qty-width-distance	mm	3x14x100	5x18x80
Rapid speed	m/min	48	48
Spindle speed	r/min	0-24000	0-20000
Spindle taper	type	BT30	BT30
Standard tool number		16pcs (options)	16pcs (options)
Spindle servo motor power	kw	7.5	7.5
XYZ axis servo motor power	kw	1.5 (Absolute Value)	1.5 (Absolute Value)
Control system		SIEMENS/GSK	
Positioning accuracy	mm	300/±0.005	300/±0.005
Repeated accuracy	mm	300/±0.003	300/±0.003
Air source pressure	mpa	0.6-0.8	0.6-0.8
Electrical capacity	kw	22	16
Overall dimension (LxWxH)	mm	1860x1820x2350	2650x2050x2450
Weight(about)	t	2.5	4.6