

Horizontal Type CNC Machining Center

HT-630

Features :

- BOX in BOX structure has the characteristics of power flow transmission line, suppressing vibration and increasing rigidity for excellent performance.
- Ball Screw adopts center of gravity with pre-tension ball screw to minimize deformation and ensure repeat accuracy. Oil coolant hole-through ball screw (optional).
- 3 axis rapid traverse 36/36/36m/min, acceleration 0.4G/0.48G/0.4G.
- Widely used on complex precision parts and precision aerospace machining parts.

Specifications:

Item/Model	Unit	HT-500
X-axis Travel	mm(inch)	820(32.3)
Y-axis Travel	mm(inch)	720(28.3)
Z-axis Travel	mm(inch)	635(25)
Distance from Spindle Nose to Table surface	mm(inch)	120-840(4.7-33.1)
Distance from Nose to Table Center	mm(inch)	154-798(6.1-31.1)
Spindle		
Spindle Speed	rpm	10000(DDS)
Spindle Nose	Kw(hp)	15/18.5(20.1/24.8)
Spindle Motor(Continual/30min)	BT(CAT)	BT-40(CAT-40)
Pallet System		
Pallet Change System		Rotary
Pallet Size	mm(inch)	500*500(19.7*19.7)
Max. Loading Capacity	kg(lbs)	600(1322)
Feed Rate		
X\Y\Z Rapid feature	m/min(ipm)	48/48/48/48(1889/1889/1889/1889)
Cutting Feedrate	m/min(ipm)	1-20(40-787)
X\Y\Z axial feedrate	kw	3(x2)/7/4(F)
ATC unit		
Tool change type		Round-Rail
Tool capacity	set	60
Max. tool Weight	kgs(lbs)	8(17.6)
Max. Tool Length	mm(inch)	300(11.8)
Max. Tool Diameter with Adj. Tool	mm(inch)	80(3.1)
Max. Tool Diameter without Adj. Tool	mm(inch)	160(6.3)
Miscellaneous		
Air Pressure Required	kg/cm ³ (psi)	6(85.3)

Dimension(L*W*H)	mm(inch)	4660*3420*3320(183.4*134.6*130.7)
Net Weight	kgs(lbs)	18000(39683)
Gross Weight	kgs(lbs)	18700(41226)

HT Series