

SPECIFICATIONS

800VH

TRAVEL	X / Y / Z Axis	mm (in)	1,020 (40.16) / 1,020 (40.16) / 1,020 (40.16)	
	Spindle Nose to Pallet Top (Vertical)	mm (in)	-100~920 (-3.94~36.22)	
	Spindle Center to Pallet Center (Vertical)	mm (in)	-50~970 (-1.97~38.19)	
	Spindle Center to Pallet Top (Horizontal)	mm (in)	-150~1,170 (-5.9~46.1)	
	Spindle Nose to Pallet Center (Horizontal)	mm (in)	-300~720 (-11.81~28.35)	
PALLET	Table [Pallet] Size	mm (in)	800 x 800 (31.49 x 31.49)	
	Indexing Angle of Pallet (w/built-in curvic coupling)	deg	0.001° (Combined Every 5° by Curvic Coupling)	
	Max Load Capacity	kg (lbs)	1,000 (2,205)	
SPINDLE	Floor Level to Pallet Top	mm (in)	1,230 (48.43)	
	Spindle Bore Taper		No. 50	
	Spindle Speed Range	min ⁻¹	100~10,000	
AXIS FEED	Spindle Swivel Angle A Axis	deg	150 (0.001° At Random)	
	Cutting Feed Rate	X / Y / Z Axis	mm/min (ipm)	1~12,000 (0.04~472.4)
		A / C Axis	deg/min	1~2,400
	Rapid Traverse Rate	X / Y Axis	mm/min (ipm)	30,000 (1,181)
		Z Axis	mm/min (ipm)	30,000 (1,181)
A / C Axis		deg/min	3,600	
MOTOR	Spindle Drive Motor (cont / 30 min)	kW (hp)	18.5 / 22 (25 / 30)	
	X / Y / Z Axis Feeding Servo Motor	kW (hp)	5.6x3.5x5.6	
SIZE	Machine Height	mm (in)	3,720 (146.5)	
	Floor Space	mm (in)	5,285x6,350 (208.1x250)	
	Machine Weight	kg (lbs)	22,000 (48,400)	
ATC	Tool Magazine Capacity	pcs	80 (opt 120)	
	Tool Shank System		CAT50	
	Max Tool Diameter (w/wo Adjacent)	mm (in)	∅ 125 (∅ 4.92) / ∅ 200 (∅ 7.87)	
	Max Tool Length	mm (in)	400 (15.75)	
	Max Tool Weight	kg (lbs)	20 (44)	
APC	APC Equipment		Rotary-type 2APC	
	APC Time	sec	20	