

VTT-70



CAPACITY	ITEM		UNIT	VTT-70
	Max. swing over head		mm (in.)	ø800 (ø31.50)
	Max. cutting diameter		mm (in.)	ø700 (ø27.56)
	Max cutting length		mm (in.)	660 (25.98)
	Spindle center height from floor		mm (in.)	1,160 (45.67)
SPINDLE	Nose type			JIS A ₂ -11
	Front bearing diameter		mm (in.)	ø200 (ø7.87)
	Hole diameter		mm (in.)	ø110 (ø4.33)
	Speed range		min ⁻¹	OP. 10 ~ 81 ~ 180 4 ~ 416 15 ~ 153 ~ 340 13 ~ 1,250 12 ~ 138 ~ 530 20 ~ 261 ~ 1,000
	Speed selection			Direct RPM programming
	Speed override		%	50 ~ 200 (11 steps)
TURRETS	Type			V12 + V12
	Max. number of tools			12 + 12
	Standard tools size		mm (in.)	□25, □32, □1, □1 1/4, ø40, ø50 ø1 3/4, ø2
AXIS FEED	Travel	X-axis	mm (in.)	370 (14.57)
		Z-axis	mm (in.)	660 (25.98)
	Rapid traverse	X-axis	m/min (in/min)	24 (945)
		Z-axis	m/min (in/min)	24 (945)
	Feed rate override		%	0 ~ 200
	Rapid traverse override		%	25, 100
ELECTRIC	CNC control			F-18iTB
	Main spindle drive motor		kW	22/30 (op. 37/45)
	Feed motor	X/Z axis	kW	4.0/9.0
	Hydraulic pump motor		kW	AC1.5-4PX2
	Sideway lubricating pump motor		kW	AC0.335-2PX2, AC0.885-2PX2
	Coolant pump motor		kW	AC0.335-2PX2, AC0.885-2PX2
	Machine light			AC100V-20Wx2)
	Overall power requirement		kVA	74 (op.90)
TANK	Coolant oil tank capacity		ℓ (gal)	600 (158)
	Sideway lubricating tank capacity		ℓ (gal)	6 (1.58)
	Hydraulic oil tank capacity		ℓ (gal)	30 X 2 (7.92 X 2)
SIZE	Floor Space	W x L	mm (ft)	3,240 x 3,025 (10.63 x 9.92)
	Machine height		mm (ft)	3,734 (12.25)
	Machine weight		kg (lb)	14,500 (31,900)