

MACHINE SPECIFICATIONS

Description			Unit	DEM 4000	
				DN Solutions Fanuc i Plus	Mitsubishi M80B
Travel	Stroke	X axis	mm (inch)	550 (21.7)	
		Y axis	mm (inch)	400 (15.7)	
		Z axis	mm (inch)	450 (17.7)	
	Height Spindle to Table		mm (inch)	120 ~ 570 (4.7~22.4)	
Feedrate	Rapid traverse	X axis	m/min (ipm)	24 (944.9)	
		Y axis	m/min (ipm)	24 (944.9)	
		Z axis	m/min (ipm)	24 (944.9)	
	Cutting feed		m/min (ipm)	12000 (472441.0)	
Table	Table size		mm (inch)	650 X 400 (25.6 X 15.7)	
	Max. Load		kg (lb)	400 (881.8)	
	Table type			T-SLOT (3-125 x 18H8)	
Spindle	Max speed		r/min	8000	
	Spindle taper			ISO #40, 7/24 TAPER	
	Max power		kW (Hp)	7.5 (10.1)	
	Max torque		N · m (ft-lbs)	47.7 (35.2)	
Automatic Tool Changer (ATC)	CAM type	Capacity	ea.	20	
		select type		Random	
		Max diameter	mm (inch)	80 {125}* (3.1 {4.9})*	
		Max length	mm (inch)	300 (11.8)	
		Max weight	kg (lb)	8.0 (17.6)	
		T-T-T	sec	1.6	
		C-T-C	sec	4.0	
	Armless Type	Capacity	ea.	16	
		select type		Fix	
		Max diameter	mm (inch)	80 {125}* (3.1 {4.9})*	
		Max length	mm (inch)	300 (11.8)	
		Max weight	kg (lb)	8.0 (17.6)	
		T-T-T	sec	5.7	
		C-T-C	sec	7.7	
Power consumption			kVA	20.5	18.6
Machine size			W	2200 (86.6)	
			L	1875 (73.8)	
			H	2317 (91.2)	
Machine weight			kg (lb)	3100 (6834.2) (CAM TYPE) 2900 (6393.3) (ARMLESS TYPE)	

* {}: Option