

## Compact Machining Center

# E-50DM

The E-50DM is a dual-spindle 40-taper vertical machining center, which makes it equivalent to two machines in a single footprint. Its 2-head construction allows independent off-sets and synchronized operations of the Z axis and W axis, resulting in the ability to produce two products in a single operation as well as a short loading/unloading time.

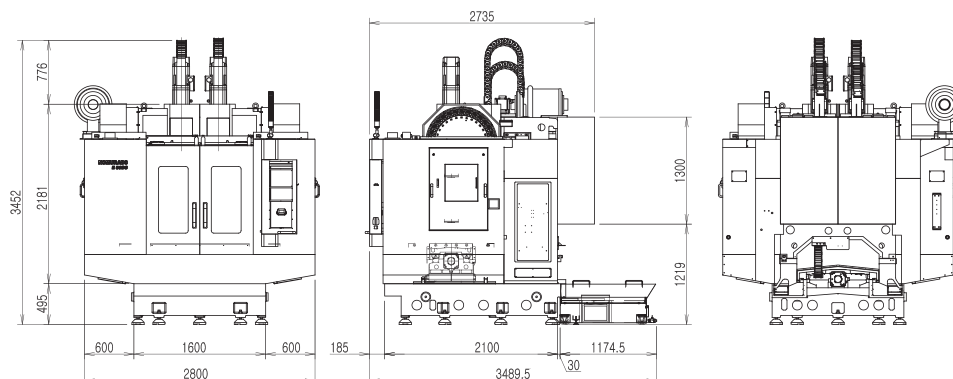


**NOMURA DS**

## Specifications

Specification		Unit	Specification Value
Capacity	Stroke	X-Axis	mm (in) 750 (29.53")
		Y-Axis	mm (in) 520 (20.47")
		Z-Axis, W-Axis	mm (in) 550 (21.65")
	Distance from the tip of spindle to the top of the table		mm (in) 800 (31.50") 250 (9.84")
Rapid Travel	X-Axis		m/min 48 (1889.8 ipm)
	Y-Axis		m/min 48 (1889.8 ipm)
	Z-Axis		m/min 48 (1889.8 ipm)
	Cutting Feedrate		m/min ~ 20 (787.4 ipm)
Table	Table Size		mm (in) 1,200 x 520 (47.24" x 20.47")
	Allowable Load		kg (lbs) 800 (1763.7 lbs)
	Table Type		- T-Slot
Spindle	Distance from Spindles		mm (in) 450 (17.72")
	Max Speed (K=1,000rpm)		rpm 12K (15K)
	Power		kW (hp) 18.5 (24.81 hp) 11 (14.75 hp)
ATC	ATC Type		- Twin Arm
	Tool Magazine Capacity		ea 30
	Tool Shank Configuration		- BBT40 / BT40
	Max Tool Diameter		mm (in) $\phi 78$ (3.07")
	Tool to Tool Time		sec 1.6
	Chip to Chip Time		sec 2.5
Machine	Floor Space (L x W)		mm (in) 2,735 x 2,800 (107.70" x 110.24")
	Weight		kg (lbs) 8,500 (18,739 lbs)
Controller	CNC Type		- Mitsubishi or M80 (Siemens 828D) (Fanuc 0i-MF)

## Floor Layout



Version 6.04.24