## **Compact Machining Center**

# DST-40A

The DST-40A is a high-speed, high-efficiency tapping center, capable of performing a wide range of work from light cutting for the IT industry to heavy cutting for the automotive industry. Its direct coupled spindle motor and highly rigid spindle allow for reduced spindle acceleration/deceleration time.



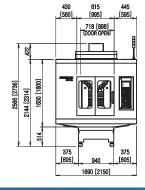
### **Specifications**

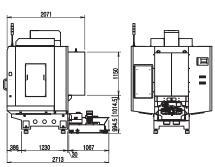
	Specification			Specification Value
Travel	Stroke	X-Axis	mm (in)	520 (20.47")
		Y-Axis	mm (in)	400 (15.75")
		Z-Axis	mm (in)	350 (13.78")
	Distance from the tip of spindle to the top of the table		mm (in)	500 (19.69") 150 (5.91")
	Distance from the tip of spindle to the column		mm (in)	444 (17.48")
Rapid Travel	X-Axis		m/min	60 (2362.2 ipm)
	Y-Axis		m/min	60 (2362.2 ipm)
	Z-Axis		m/min	60 (2362.2 ipm)
	Cutting Feedrate		m/min	~ 20 (787.4 ipm)
Table	Table Size		mm (in)	650 x 400 (25.59" x 15.75")
	Allowable Load		kg (lbs)	250 (551 lbs)
	Table Type		-	T-Slot
Spindle	Spindle Pitch		mm	N/A
	Max Speed (K=1,000rpm)		rpm	15K (24K) (30K)
	Power		kW (hp)	7.5/5.5 (10/7.5 hp) 3.7/2.2 (5/3 hp) 5.5/3.7 (7.5/5 hp)
ATC	ATC Type		-	Armless
	Tool Storage		ea	21 (14)
	Tool Shank		-	BBT30
	Max Tool Diameter		mm (in)	ø80 (3.15")
	Tool to Tool Time		sec	1.4
	Chip to Chip Time		sec	2.1
Machine	Floor Space (L x W)		mm (in)	1,690 x 2,080 (66.5" x 81.9")
	Weight		kg (lbs)	2,700 (5952 lbs)
Controller	CNC Type		-	Mitsubishi M70VA or M80 (Siemens 828D) (Fanuc 0i-MF)

Standard Accessories
Indicator Light
Auto Lubricator Unit
LED Work Light
Bed Shower Coolant
Flood Shower Coolant
Portable MPG
Air Gun
Air Conditioner
Safety Switch (Door Lock)
Safety Nameplate (Korean / English / ECT.)

Optional Accessories					
	STD'				
	Screw Conveyor Type				
Coolant Tank	Scraper Conveyor Type				
	Magnet Scraper Conveyor Type				
	Drum Filter Conveyor Type				
Tool Breakage	Touch Type				
Detector	Laser Type				
Oil Skimmer					
Spindle through Coolant					
Tool Taper Cleaning Coolant					
High Pressure Coolant System					
Hydraulic Tank					
Index Rotary Table					
Mist Collector					
Transformer					
Touch Probe (Work)					
Top Cover					
Sub Operate Box					
Auto Door (Front)					
GANTRY Auto Door					

### **Floor Layout**





Version 5.20.24





