

Compact Machining Center

S-450D

The S-450D is a HSK-E32 taper dual-spindle bridge mill design with ultrasonic spindles for micro hole machining. It is equivalent to two machines in a single footprint. Its 2-head construction allows independent offsets and synchronized operations of the Z axis and W axis, resulting in the ability to produce accurate micro holes with extreme precision and increased surface finishes.

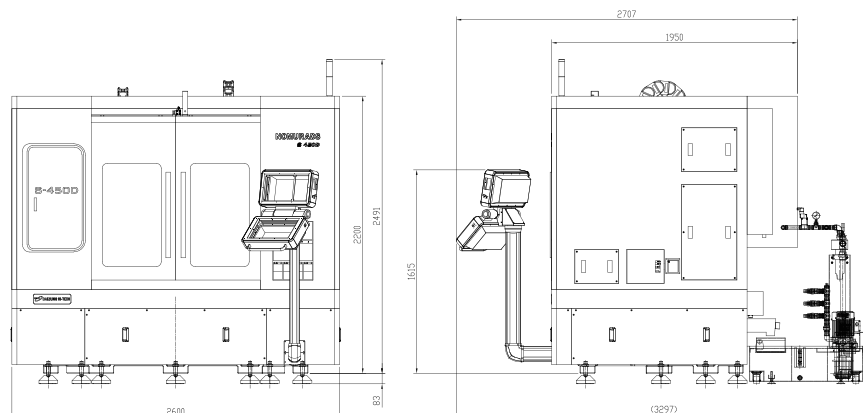


NOMURA DS

Specifications

	Specification	Unit	Specification Value
Table	Table Size	mm (in)	500 x 450 (19.69" x 17.72")
	Allowable Load	kg (lbs)	150 (330.7 lbs)
Spindle	Taper	-	HSK-E25 (HSK-E32)
	Max Speed (K=1,000rpm)	rpm	40K (60K)
	Power	kW (hp)	6 (8.05 hp) 2.5 (3.35 hp)
Feed	Slide Type	-	
	Feed Distance (X/Y/Z)	mm (in)	700 (27.56"), 450 (17.72"), 120 (4.72")
	Rapid Feed Rate (X/Y/Z)	m/min (ipm)	48 (1889.76), 48 (1889.76), 24 (944.88)
ATC	Tool Change Type	-	DISC
	No. of Tools	ea	12 (24)
	Max Tool Diameter	mm (in)	ø 25 (.98"), ø 32 (1.26")
	Max Tool Length	mm (in)	60 (2.36")
Machine	Dimensions (L x W x H)	mm (in)	2,600 x 1,950 x 2,200 (102.36" x 76.77" x 86.61")
	Weight	kg (lbs)	6,500 (14330 lbs)
Controller	CNC Type	-	Mitsubishi or M80

Floor Layout



Version 6.04.24