

MACHINE SPECS

Machine Travels: X x Y x Z in (mm)	20.0 x 16.0 x 12.0 (510 x 410 x 310)
Spindle Speed: SSS 300 (SSS 400)	200 ~ 30,000 RPM (200 ~ 40,000 RPM)
Spindle HP: SSS 300 (SSS 400)	20 (7.4)
Spindle Lubrication	Oil Mist
Tool Changer Size	20 Position Standard
Positioning Accuracy/Repeatability: in (µm)	±0.000040/±0.000020 (±1.0/±0.5)
Table Work Area X x Y: in (mm)	25.5 x 16.0 (650 x 410)
Table to Spindle Nose Distance: in (mm)	5.9 ~ 18.1 (150 ~ 460)
Max. Workpiece Weight: lb (kg)	440 (200)
Coolant Tank Capacity: gal (L)	52.8 (200)
Table Height from Floor: in (mm)	29.5 (750)
Actual Measured Circularity (2.0" dia. @8 IPM): in (µm)	0.000044 (1.1)
Spindle Taper	HSK-E40
Spindle Air Purge	Standard
Air Blast through Spindle	NA
Oil Mist with Collector	Standard
Linear Scales X, Y, Z – axes	Heidenhain 0.000002mm Standard
Rapid Traverse Speed: in/min. (m/min.)	590 (15.0)
Cutting Speed (Normal Mode): in/min. (mm/min.)	0.04 – 394 (1 ~ 10,000)
Cutting Speed (GR Super PC Mode): in/min. (m/min.)	590 (15.0)
Dust Collection System	NA
Machine Weight: lb (kg)	11,464 (5200)
Machine Height: in (mm)	100 (2540)
Required Floor Space [Machine Unit]: in (mm)	95.0 x 114.0 (2410 x 2895)
Control Unit	Fanuc 31i-B5 Super High-Speed Processor and AI Contour Control II
Power Requirements KVA	200 ~ 220V 32.0KVA
Air Supply	17.5 cu.ft./min @ 72 psi (0.5 MPa @ 400NL/min.)