

## MACHINE SPECS

Model	VISION 300
Machine Travels: X x Y x Z in (mm)	25.6 x 21.6 x 11.8 (650 x 550 x 300)
Spindle Speed	200 ~ 30,000 RPM
Table Size X- Y: in (mm)	29.5 X 21.6 (750 X 550)
Spindle HP	20.0
Spindle Lubrication	Oil Mist
Spindle Taper	1/10 taper (Two-plane constraint)
Tool Shank	HSK-E40
Tool Changer Size	20 Position Standard
Positioning Accuracy/Repeatability: in (μm)	±0.000039/±0.000079 (±1.0/±0.2) Full Stroke
Table to Spindle Nose Distance: in (mm)	5.9 ~ 17.7 (150 ~ 450)
Max. Workpiece Weight: lb (kg)	660 (300)
Table Height from Floor: in (mm)	33.5 (850)
Oil Mist Collector	Standard
Linear Scales X, Y, Z – axes	Heidenhain 0.002μm (2nm) Standard
Rapid Traverse Speed: in/min. (m/min.)	590 (15)
Cutting Speed: in/min. (m/min.)	390 (10)
Dust Collection System	NA
Coolant Tank Capacity: gal (L)	68 (260)
Machine Weight: lb (kg)	19,180 (8,700)
Machine Height: in (mm)	115.0 (2,920)
Required Floor Space [Mach. Unit]: in (mm)	114.0 x 132.0 (2,900 x 3,355)
Control Unit	Fanuc 31i-B5 Super High-Speed Processor and AI Contour Control II and Super PC X Function
Power Requirements KVA	200 ~ 220V 36.0 kVA
Air Supply	9 cu.ft./min @ 72 psi