

Detailed Specifications

BenchMill 6000 CNC Machining Center

Axis Travel

X Axis max: 260 mm / 10.24"
Y Axis max: 152 mm / 6.00"
Z Axis: 180 mm / 7.09"

Work Area

Table Size: 400×145 mm / 16"x 5.70"
No. of T-Slots: 3
T-slot size: 12 mm / 0.47"
Max. table load: 20 Kg / 44 lbs

Spindle

Motor Type: Brushless
Motor power: 1.34 hp, 1000 w
Spindle speed: 100– 5000 RPM
Spindle taper: ISO20
Max. tool diam.: 10 mm / 0.375"
Throat: 150 mm / 5.900"

Accuracy

Position accuracy: 0.038 mm / 0.0015"
Repeatability: 0.010 mm / 0.0004"

Dimensions

Machine size

Width: 1040 mm / 41"
Depth: 860 mm / 34"
Height: 940 mm / 37"

Axis Drive Motors

Axis motor type: Stepper
X axis: 1.35 N-m / 192 oz-in
Y axis: 1.35 N-m / 192 oz-in
Z axis: 2.2 N-m / 312 oz-in
Rapid feed rate: 2000 mm/min 79 ipm
Feed rate: 1000 mm/min 40 ipm

Control Software

EIA RS274-D standard G & M code compatible
FANUC® compatible
CAD/CAM compatible
Advanced NC code editing
Real-time or simulated graphic tool path verification