THE MAXCUT M1100 VERTICAL MACHINING CENTRE

Masteel orders the Maxcut M1100 vertical machining centre for stock with the Fagor 8065 control (which includes Fagor Remote Support)

Optionally you can order this machine with the following controls (as a special factory order):

- *Fanuc 0i-MF or Oi-MF Plus*
- *Mitsubishi M80*
- *Heidenhain TNC 620*
- *Siemens One*

contact Ron Nater for a detailed machine quote:
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Maxcut M1100 Vertical Machining Centre Specifications:

X-axis travel: 1100mm (43.31”)
Y-axis travel: 635mm (25”)
Z-axis travel: 635mm (25”)

table size: 1200 x 600mm (47.24” x 23.62”)
maximum table load capacity: 800kg (1764 lbs.)

maximum spindle speed: 12000 rpm
spindle nose: #40
spindle motor: 15kW (20 hp) / 100Nm (73.75 ft.lbs.)
optional spindle motor: 22kW (29.5 hp) / 165.5Nm (122 ft.lbs.)

rapid traverse in X/Y/Z axes: 30m/minute (1181”/minute)
positioning accuracy: ±0.003mm (±0.00012”)
repeatability: 0.002mm (0.0000787”)

automatic tool changer: swing arm type
tool storage capacity: 30 pockets
maximum tool diameter: 125mm (4.92”)
maximum tool diameter with adjacent tools full: 75mm (2.95”)
maximum tool length: 300mm (11.8”)
maximum tool weight: 7kg (15.4 lbs.)

floor space requirements: 4320 x 2300mm (170”x 91”)
machine weight: 7000kg (15432 lbs.)
electrical power requirement: 400 volt

<u>included package features</u>
Fagor 8065 conversational control with solid graphics
direct drive 2-speed range spindle for full torque at low speed
rigid tapping
roller type linear way construction
20bar coolant through spindle
roof opening with sliding front door for overhead crane loading
full enclosure with large side doors
belt type lift-up chip conveyor
wash down coolant flush
coolant gun

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