



Q15 VERTICAL MACHINING CENTERS

- Hardware, molds, automotive parts, communication, medical devices and aerospace

Highlight:

- The optional bed construction design is able to resist inertia generated by high "G" with maximum stability.
- The short nose spindle presents outstanding rigidity. It also increases efficiency while lowering tool wear.
- 36 meters rapid traverse on three axes greatly reduces machining time.
- Stable automatic tool change system not only reduces non-cutting time, but also extends spindle life.
- Front side chip exhaust with optimal chip exhausting angles and extra large chip flushing rate.

Specification

Machine Type	Q15
Control unit	M80
Spindle Speed	8,000 rpm
Spindle Type	BT-40
Spindle Power	11 kw
Table Dimension	1700 x 600
Work area	1500 x 760
Max. Loading Capacity	1500kg
Spindle Nose to Table	100980mm
Spindle Center to Column	744
Table Surface to Floor	835
T-Slot(WxNo.xPitch)	18 x 5 x 100 mm
X / Y / Z axis Travel	1500mm/640mm/880mm
X / Y / Z axis Rapid Traverse	36 / 36 / 30 M/min
X / Y / Z axis Servo motor	3.5 / 3.5 / 3.5 kw
Cutting Feed	110,000 mm/min
Axis Transmission	Direct drive
Balls screw Diameter	40 / P12 / C3
Three axes linear guide(P class)	X-axis: Roller Type 45mm x 2pcs x 6 blocks Y-axis: Roller Type 45mm x 3pcs x 5 blocks Z-axis: Roller Type 45mm x 2pcs x 4 blocks
Command Position	0.003mm
Repeatability	0.008mm
ATC Type	Arm type
Number of tools	24PCS

tool Selection	Random
Tool Changing Time	2sec
Tool Size(Dia. x Length)	125 mm x 350 mm
Max. Tool Weight	8KGS
Position of Lubrication	Ball Screw & Linear Guide Way
Lubricator Tank	2 Liters
Machine Length/Width/Height	4780 x 2590 x 3230
Machine Weight	7000kg