

VF-Mill Mini

CNC machining Center



T e c h n i c a l D a t a s h e e t



Optional configuration:

- ✓ Spindle oil cooler
- ✓ Safety door switch front
- ✓ Safety door interlock front & switch lateral side
- ✓ Auto Power OFF
- ✓ M70 Control with software package /10000rpm/spindle motor 5.5/7.5KW
- ✓ SIEMENS 828D BASIC M Control/10000rpm/spindle motor 4.8/6KW

Standard configuration:

- ✓ FANUC Oi-MF Control
- ✓ Z axis servo motor with brake
- ✓ Full enclosed splash guard with top roof
- ✓ Telescopic guards for three axis
- ✓ 10 Hp spindle servo motor
- ✓ Belt drive Spindle 10,000rpm,CAT40
- ✓ Rigid tapping
- ✓ USB interface
- ✓ 7.5" LCD Display
- ✓ Automatic lubrication system
- ✓ 12 stations armless tool changer
- ✓ Heat exchanger for electrical cabinet
- ✓ Spindle taper air blow
- ✓ Cutting air blast device
- ✓ LED Working lamp
- ✓ End of program light
- ✓ Electronic Hand wheel(MPG)
- ✓ Leveling bolts and blocks
- ✓ Coolant system
- ✓ Air gun
- ✓ Tool box and Operation Manual

Technical specifications		VF-Mill Mini	Technical specifications		VF-Mill Mini
Table			Cutting speed		1-10000 mm/min (0.04-394")
Table size		600 x 300 mm (24x12")	X/Y/Z motor power and torque		X/Y:1.4 kW/6Nm Z: 1.9 kW/7.7Nm
T-slot (width x number x distance)		14 x 3 x 100 mm (.55x3x3.9")	Armless Tool changer(Optional)		
Max. load		200 kg (440 lbs)	No. of tools		12
Travel			Max.tool length		280 mm (11")
X/Y/Z travel		500 / 300 / 400 mm (19.6/12/15.75")	max. diameter		80 mm / 125 mm (next release) (3.15"/4.9")
Spindle nose to table		80-480 mm (3.15-18.9")	Max. tool weight		8 kg (17.7 lbs)
Spindle center to column		340 mm (13.4')	Pocket positioning time		0.8 sec.
Spindle			Accuracy		
Spindle type		CAT 40	Positioning accuracy		± 0.005/300 (0.0004"/12")
Spindle motor		5.5/7.5 kW (10 Hp)	Repeatability accuracy		± 0.005 (0.0002")
Spindle speed		10,000 rpm	Dimension & Weight		
Feed			Dimension		1650 x 1400 x 1800 mm (65 x 55 x 71")
Rapid feed		X/Y: 20 m/min, Z: 12 m/min (788", 473")	Weight		1800 kg (4000 lbs)

*The above specifications are subject to change without prior notice, no liability for printing mistakes. Machine may be shown with optional equipment.

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