

Machine:
VMC 3325-SE

Machine Sliding Ways (For all 3 Axes X,Y,Z)	Box Ways + Anti-friction material
X axis travel	33.5" (850 mm)
Y axis travel	25.6" (650 mm)
Z axis travel	23.6" (600 mm)
Max. load (uniform distribution)	1,323 lb. (600 kg.)

Table:

Table size (X) x (Y)	41.3" x 23.6" (1,050 x 600 mm)
T-SLOTS (No./Width/Span)	Five .71" on 4.9" (5 x 18 x 125 mm)
Table center to column surface	27.6" (700 mm)

Spindle Head:

Motor	7.4/10.1 HP (5.5/7.5 kW)
Motor (30 min rating)	10 HP (11.2 kW)/6,000 rpm
Spindle speed	8,000 rpm (10,000 rpm Opt.)
Ranges	1
Max-torque at spindle motor (peak)	53 ft. lbs./1500 rpm (7.5 mm-kg/1500 rpm)
Maximum clamping force (tool holder)	Up to 2,200 lbs. (1000 kg.)
Taper	BT 40
Spindle nose to table surface (min./max.)	6.5" / 30.1" (165 mm / 765 mm)
Spindle center to column surface	27.6" (700mm)

Automatic Arm Type Tool Changer:

Tool storage capacity	16 (Arm type) (Opt. 24/30)
Tool selection	Automatic Random
Max dia. W/adjacent pocket empty	4.1" (105mm)
Max tool weight	8.8 - 14.3 lbs. (4 - 6.5 Kgs)
Max tool length	5.9" - 11.8" (150 - 300mm)
1 Speed max tool to tool	7.5 - 8 sec.

Performance:

Positioning accuracy	± 0.0002" (± 0.005 mm) VDI 3341
Repeatability	± 0.0004" (± 0.01 mm)
Rapid feed rate	49 ft./ min. (15 mpm)
Cutting feed rate	3 - 20 ft./ min. (1 - 6 mpm)
Positioning	(X, Y, and Z) Rotary encoder (Opt. glass scale)
Control	Fanuc Oi-M (Opt. Anilam, Fagor, Dynapath, etc.)

General:

Air pressure requirements	85 psi (6 Kg/cm ²)
Working area required	169.3" x 111.4" x 122" (4300 x 2830 x 3100mm)
Machine Net Weight	15,432 lbs. (7,000 Kgs)
Shipping weight	17,637 lbs. (8,000 kg)
Power	25 KVA