

Machine:
TC VMC 80
Travel:

Column Longitudinal (X)	78 ¾" (2 M)
Saddle Cross (Y)	23 5/8" (600mm)
Head Vertical (Z)	21 5/8" (550mm)
Spindle center to column	26 ½" (675mm)
Spindle nose to table, min/max	7 to 29 1/8" (180 to 740mm)

Table

Table size, L x W	98 ½ x 23 5/8" (2500 x 600mm)
T-Slots (5)	0.708 x 4" (18 x 100mm)
Max load on table	5,511 lb. (2500 kg.)
Table top to floor	31 ½" (800mm)

Spindle

Standard spindle taper	CT-40 OR BT-40
Optional (extra cost)	BT-50
Spindle speed range, (standard)	10,000 RPM
Optional (extra cost)	12,000 OR 15,000 RPM
Spindle drive	Direct Coupled
Spindle motor, FANUC, (standard)	15 HP MTR (11 kW)
(optional)	20 HP MTR (15 kW)

Feeds & Slides

Rapid traverse X and Y	1200 IPM (30 m/min)
Z	600 IPM (15 m/min)
Cutting feeds, X-Y-Z	0.0394 ~ 295 IPM (1~7500 m/min)
Ball screw diameter, X-Y-Z	2" (50mm)
Guide ways, X-Y-Z	M-55 LINEAR

Automatic Tool Changer

Magazine	DISC TYPE
Number of stations, (standard)	24
(optional)	30 or 40
Tool-to-tool change time	1.8 seconds
Max tool length	13 ¾" (350mm)
Max tool diameter	3 1/8 / 4 3/8" (80 / 110mm)
Max tool weight	17.5 lbs (8 kg)

Power Source/Capacities

Electrics	100 AMP, 3/60/220 VOLT
Power supply	45 KVA
Pneumatic unit	5.5 ~ 6.5 kg/cm
Hydraulic unit	70 kg/cm
Coolant Tanks (2)	120 GAL (60 x 2) 450 L (225 x 2)

Weights/Sizes

Net weight	30,870 lbs (14,000 kg.)
Gross shipping weight	33,075 lbs (15,000 kg.)
Floor space required, L	256" (6500mm)
W x H	150 x 126" (3820 x 3200mm)