

Machine:
TC HMC 240
Travel:

Column Longitudinal	(X)	236"(6000 mm)
Saddle Cross	(Y)	23 5/8" (600mm)
Head Vertical	(Z)	21 5/8" (550mm)
Spindle center to column		5 to 27" (125 to 685 mm)
Spindle nose to table, min/max		6 to 18" (155 to 460mm)

Table:

Table size, L x W	236" x 23 5/8" (6000 x 600mm)
T-Slots (5)	0.708 x 4" (18 x 100mm)
Max load on table	2,205 lbs (1,000 kg.)
Table top to floor	31 1/2" (800mm)

Spindle:

Standard spindle taper	CT-50 OR 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 (11 kW) MTR
(optional)	20 HP (15 kW) or 25 HP (18.5 kW) MTR

Feeds and Slides:

Rapid traverse	(X-Y)	1,200 IPM (30 M/min)
	(Z)	787 IPM (20 M/min)
Cutting feeds,	(X-Y-Z)	0.0394 ~ 295 IPM (1~7,500 M/min)
Ball screw diameter,	(X-Y-Z)	2" (50mm)
Guide ways,	(X-Y-Z)	M-55 LINEAR

Automatic Tool Changer:

Magazine	CHAIN TYPE
Number of stations, (standard)	40
Tool-to-tool change time	7.5 seconds
Max tool length	15 3/4" (400mm)
Max tool diameter	5 / 9 7/8" (125 / 250mm)
Max tool weight	55 lbs (25 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	33,075 lbs (15,000 kg.)
Gross shipping weight	35,300 lbs (16,000 kg.)
Floor space required, L x W x H	244 x 134 x 122" (6200 x 3400 x 3100mm)