

Machine: HSB 4780

Travel:

X-axis	47.2" (1200mm)
Y-axis	80.7" (2050mm)
Z-axis	27.6" (700mm)
Nose to table	3.9" - 31.5" (100 - 800mm)

Spindle:

Speed range (rpm)	10,000 (opt. 12,000)
Spindle nose	7/24 BT-40
Bearing diameter	2.8" (70mm)
Spindle drive	Direct-coupled
Spindle motor	14.8/20.1 HP (11 / 15 kW)

Table:

Table size	51.2" x 79.5" (1300 x 2020mm)
T-slots	0.4" x 0.7" x 5.9" (9 x 18 x 150mm)
Max. load	4,400 lbs (2000 Kg)

Feed:

X/Y/Z Rapid feed	98.4/98.4/78.7 ft-min (30/30/24 mpm)
X/Y Motor	5.4 / 5.4 HP (4.0 / 4.0 kW)
Z Motor	10.7 HP (8.0 kW)
X/Y/Z Feedrate	0.03 - 472.4 ipm (1 - 12,000mm/min.)
Guide type	Linear Ways

ATC:

Magazine Capacity	24
Tool selection ATC type	Random
Tool change time	Cam
Magazine type	1.8 Sec (T to T)

Tool:

Tool shank	Disc type
Pull stud	BT.40
Max. tool length	P40T-1
Max. tool diameter	9.8" - 11.8" (250 - 300mm)
Max. tool weight	15 lbs (7 Kg)

Power Sources:

Power supply	35 KVA
Pneumatic unit	85.3 Psi (6 Kg/cm)
Coolant tank	59.5 Gal (225 L)

Machine Sizes:

L x W x H	150" x 213" x 144" (3800 x 5400 x 3650mm)
Net weight	34,172 lbs (15500 Kg)