

Machine Name : Horizontal Machining Center

Brand : DOOSAN

Machine Model : HM800

Stock No. : 811915

Ex-factory Date : 2008



Main Technical Parameters:

CNC system: FANUC 18i-MB

Three-axis travel (X/Y/Z): 1250 × 1000 × 1000 mm

Worktable size: 800 × 800 mm

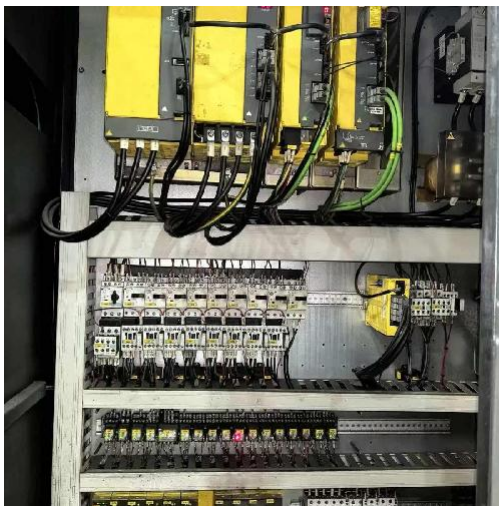
Spindle taper: BT50

Spindle speed: 6000 rpm

Tools magazine: 60, chain type

Spindle equipped with through-spindle coolant





2.3.1 Main specifications

1) Specifications

ITEM	UNIT	SPC/OPTIONAL
STROKE	X AXIS mm(inch)	1250 (49.21)
	Y AXIS mm(inch)	1200 (47.24)
	Z AXIS mm(inch)	1200 (47.24)
RAPID TRAVERSE	X AXIS mm/min	24 (944.88)
	Y AXIS mm/min	24 (944.88)
	Z AXIS mm/min	24 (944.88)
MAX. FEED	X AXIS mm/min	3,327 (7.400)
THRUST FORCE ¹	Y AXIS kgf(lbf)	5,889 (13.171)
	Z AXIS kgf(lbf)	5,889 (13.171)
CUTTING FEEDRATE	mm/min	1 ~ 12,000 (0.04 ~ 475)
BALLSCREW (X, Y, Z)	mm(inch)	200 x P12 (82.0 x P0.47)
POSITIONING ACCURACY	mm(inch)	±0.005 (0.0002) Full stroke
REPEATABILITY	mm(inch)	±0.002 (0.00008)
FEEDBACK SYSTEM ²	mm	X, Y, Z: Incremental pulse reader B Axis: Absolute
SPD. NOSE TO TABLE CENTER	mm(inch)	200 ~ 1200 (7.87 ~ 47.24)
SPD. CENTER TO PALLET TOP	mm(inch)	75 ~ 1312 (3.0 ~ 52.05)

[NOTICE] 1. This value is based on FANUC servo motor refer to 25 servo motor

[NOTICE] 2. In case of FANUC 16MC and export to the United States of America, absolute pulse order is standard (all axes)