Machine Name : Horizontal Machining Center



Brand : DOOSAN

Machine Model : HM800

Stock No. : 4811915

Ex-factory Date : 2008

Main Technical Parameters:

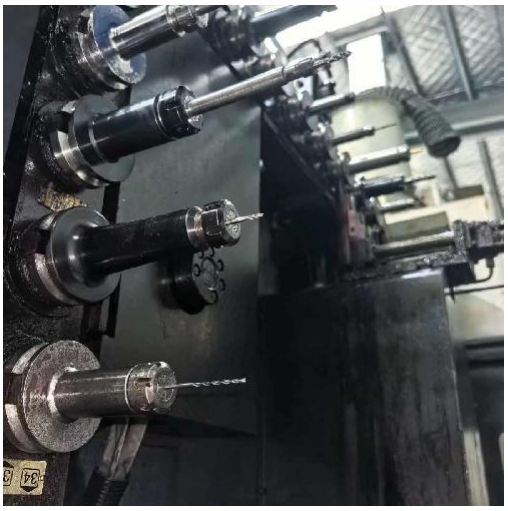
CNC system: FANUC 18i-MB
Three-axis travel (X/Y/Z): 1250 × 1000 × 1000 mm
Worktable size: 800 × 800 mm
Spindle taper: BT50
Spindle speed: 6000 rpm
Tools magazine: 60, chain type
Spindle equipped with through-spindle coolant

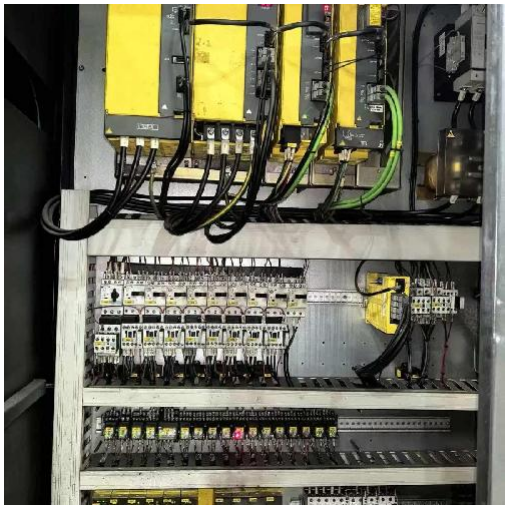




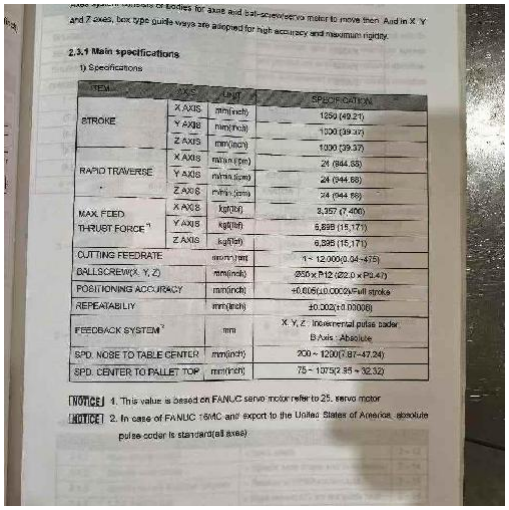
PamtonSchnell











and Z axes, box type guide ways are adopted for high accuracy and maximum rigidity.

2.3.1 Main specifications

1) Specifications

ITEM		UNIT	SPECIFICATION
STROKE	X AXIS	mm(inch)	1299 (49.21)
	Y AXIS	mm(inch)	1000 (39.37)
	Z AXIS	mm(inch)	1000 (39.37)
RAPID TRAVERSE	X AXIS	m/min(ipm)	24 (944.88)
	Y AXIS	m/min(ipm)	24 (944.88)
	Z AXIS	m/min(ipm)	24 (944.88)
MAX. FEED THRUST FORCE *1	X AXIS	kgf(lbf)	3,357 (7,400)
	Y AXIS	kgf(lbf)	6,895 (15,171)
	Z AXIS	kgf(lbf)	6,895 (15,171)
CUTTING FEEDRATE		mm/min(ipm)	1 ~ 12,000(0.04~472)
BALLSCREW(X, Y, Z)		mm(inch)	Ø50 x P12 (Ø2.0 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 coder B Axis : Absolute
SPD. NOSE TO TABLE CENTER		mm(inch)	200 ~ 1200(7.87~47.24)
SPD. CENTER TO PALLET TOP		mm(inch)	75 ~ 1375(2.95 ~ 32.32)

[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 coder is standard(all axes)