Machine Name : Horizontal machining center

Brand : HISION

Machine Model : HTM-100H

Stock No. : 80288

Ex-factory Date :



Main Technical Parameters:

Brand HISION

Model HTM-100H

X-axis travel 1600 (mm)

Y-axis travel 1400 (mm) (1200 with W-axis)

Z-axis travel 1200 (mm)

W-axis travel 535 (mm)

Distance from spindle center to worktable surface 0-1500(mm)

Distance between spindle nose and worktable center 280-1480 (mm)

Worktable size 1000x1000 (1000x1250) (mm)

Worktable indexing resolution 1 ° x360 (°)

Maximum worktable load 3000 (kg)

Spindle motor power 22/18.5 (26/22) (kw)

Spindle speed 4500rpm (2500 with W shaft)

Maximum torque of spindle 837 (N.m)

Spindle diameter 130 (mm)

Spindle taper ISO7:24 No.50

Feed rate of X.Y.Z axis 1-4000 (mm/min)

W.U axis feed rate 1-4000 (mm/min)

X.Z fast moving rate 14 (m/min)

Y-axis fast moving rate 14(m/min)

W axis fast moving rate 5 (m/min)

Fast moving rate of B axis 5 (m/min)

Tools magazine 60

Tool selection mode random shortest path

Pop rivet type P50T-2 (30)

Maximum tool length 550 (mm)

Maximum tool diameter 120 (mm)

Tool holder type BT50 (mm)

Maximum tool diameter 240 (mm)

Maximum tool weight 30 (kg)

Tools changing time (tool to tool) 6 (s)

Pallet exchanging time 45 (s)

Number of pallets 2

Positioning accuracy X.Y.Z.W.U full travels (half closed-loop) ± 0.005W: 0.01 (mm)

PamtonSchnell



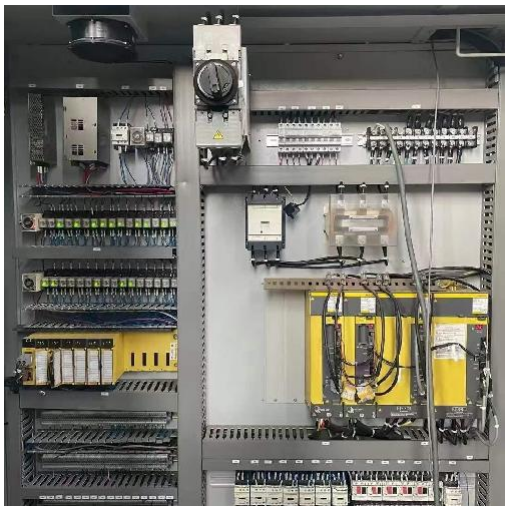




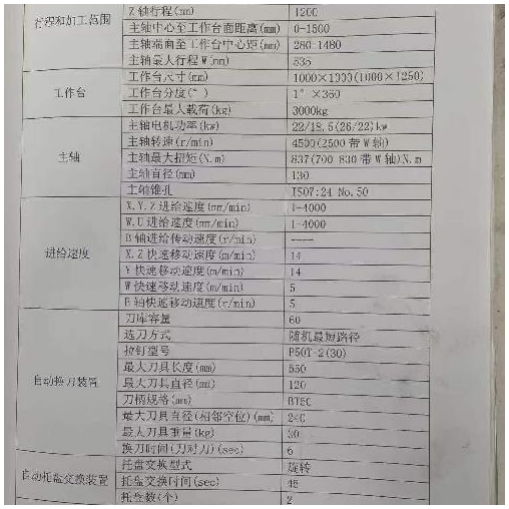












行程和加工范围	Z轴行程(mm)	1200
	主轴中心至工作台面距离(mm)	0-1500
	主轴端面至工作台中心距(mm)	280-1480
	主轴最大行程W(mm)	535
工作台	工作台尺寸(mm)	1000×1333(1000×1250)
	工作台分度(°)	1° ×360
	工作台最大载荷(kg)	3000kg
主轴	主轴电机功率(kw)	22/18.5(26/22)kw
	主轴转速(r/min)	4500(2500 带 W 轴)
	主轴最大扭矩(N.m)	837(700 830 带 W 轴)N.m
	主轴直径(mm)	130
	主轴锥孔	ISO7:24 No.50
进给速度	X.Y.Z 进给速度(mm/min)	1-4000
	W.U 进给速度(mm/min)	1-4000
	B 轴进给传动速度(r/min)	------
	X.Z 快速移动速度(m/min)	14
	Y 快速移动速度(m/min)	14
	W 快速移动速度(m/min)	5
	B 轴快速移动速度(r/min)	5
自动换刀装置	刀库容量	60
	选刀方式	随机最短路径
	控制型号	FS0I-2(30)
	最大刀具长度(mm)	550
	最大刀具直径(mm)	120
	刀柄规格(mm)	BT50
	最大刀具直径(相邻空位)(mm)	240
	最大刀具重量(kg)	30
	换刀时间(刀对刀)(sec)	6
自动托盘交换装置	托盘交换型式	旋转
	托盘交换时间(sec)	45
	托盘数(个)	2