

HORIZONTAL MACHINING CENTER DOOSAN HP 5100



TECHNICAL DATA

CNC Fanuc 18i - MB

TRAVELS:

X axis:	mm 850
Y axis:	mm 700
Z axis:	mm 750
Distance from spindle center to pallet top:	mm 50 - 750
Distance from spindle nose to table center:	mm 150 - 900

TABLE:

Pallet size:	mm 500 x 500
Pallet loading capacity:	kg 500
Pallet surface:	24 – M16 x P 2.0
Pallet index degree:	deg 1

SPINDLE:

Max spindle speed:	Rpm 14.000
Spindle taper:	ISO 40
Max spindle torque (25% ED):	Nm 220,5

FEEDRATE:

Rapid traverse rate (X, Y, Z):	m/min 60
Cutting feedrate:	mm/min 30.000

AUTOMATIC TOOL CHANGER:

Type of tool shank:	MAS403 BT40
Tool storage capacity:	120
Max tool length:	mm 400
Max tool weight:	kg 10
Method of tool selection:	Fixed address
Tool change time (tool-to-tool):	sec 1
Tool change time (chip-to-chip):	sec 3,5

AUTOMATIC PALLET CHANGER:

Number of pallet:	7
Type:	Rotary shuttle
Pallet change time:	sec 7,5
Pallet rotation in loading station:	deg 90

MOTOR:

Spindle motor (30 min):	kW 18,5 / 22
Feed motor (X, Y, Z, B):	kW 7,0/7,0/7,0/2,7

MACHINE SIZE:

Machine height:	mm 3.000
Machine dimension:	mm 5.600 x 2.700
Machine weight:	kg 15.000

Machine equipped with:

- High pressure through the spindle 35 bar
- Chip conveyor
- Instruction manuals and CE declaration

Year of manufacturing: 2008