

HORIZONTAL MACHINING CENTER KITAMURA MYCENTER HX500 G



TECHNICAL DATA

CNC Arumatik – Mi Control

TABLE:

Table size:	mm 500 x 500
Table indexing:	0,001 Degree
Tapped hole size:	M16 x 2,0 x 24
Max table load:	kg 800
Max workpiece diameter:	Ø 800
Max workpiece height:	mm 1.100

TRAVEL:

X axis travel:	mm 870
Y axis travel:	mm 800
Z axis travel:	mm 930
B axis travel:	0 to 360° full 4th axis

Distance from table surface to spindle center: mm 50 ~ 850
Distance from table center to spindle nose: mm 140 ~ 1.070

SPINDLE:

Spindle taper: ISO 40
Spindle speed: rpm 20 ~ 20.000
Drive method: Gear drive , 4 step
Spindle motor: 22kW(30HP AC/15MIN)
15kW(20HP AC/CONT.)

FEED:

Rapid feed (X, Y, Z): m/min 60
Cutting feed rate (X, Y, Z): m/min 60
Rapid feed (B axis): °/min 12.000

APC:

Number of pallets: 2
APC change time: seconds 8,8

ATC:

Tool storage capacity: 100 tools
Tool selection method: Random bi-directional
Tool holder: ISO 40
Max tool diameter: mm 95 / 170
Max tool length: mm 600
Max tool weight: kg 10
Tool to tool: sec 1,8
Chip to chip: sec 2,8

MACHINE DIMENSIONS:

Required space: mm 3.585 x 4.957
Machine height: mm 3.178
Machine net weight: kg 19.000

Machine equipped with:

- High pressure through the spindle 80 bar, tank with paper filter:
- Nr. 2 pallets with rotating turret 0 – 360° mm 500 x 500
- Nr. 2 flat rotating pallets 0 – 360° mm 500 x 500
- Tools presetting
- Touch probe
- Manuali d'istruzione e dichiarazione CE

Year of manufacturing: 2015