

## PRODUCT Categories

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## Horizontal Machining Center JMH Series: JMH400



### JMH Series

MODEL NO. **JMH400**

#### Features

- The major structural parts are ladle and box type integrated construction to fully overcome the cutting "Blind Rigidity" problem.
- Three axes are mounted with heavy duty roller type linear guide ways, featuring heavy load resistance and rapid traverse.
- The structural parts are symmetrical construction combined with "V" shape rib reinforcement that ensures they will remain deformation-free even after a long time.
- The structural parts are manufactured from high quality cast iron, tempered for stress relief.
- The advanced finite element analysis software is applied for simulating structural stress. This assures the best possible machine rigidity, stability and dampening capacity.

#### Specification

#### Accessories

#### Specification

Model		JMH-400(NO40.)	
<b>Surface</b>	X-travel		630 (24.80")
	Y-travel		630 (24.80")
	Z-travel		630 (24.80")
	Spindle center to table surface	mm (in.)	50~680 (1.97~26.77")
	Spindle nose to table center	mm (in.)	130~760 (5.11~30.00")
	Table surface to float	mm (in.)	1100 (43.30")
<b>Table</b>	Table dimension	mm (in.)	400 x 400 (15.75")
	Max. loading weight	kg	400
	T- slot		24-M10XP1.5x20
	Min. indexing angle	deg.	0.001° (OPT1°/5°)
<b>Spindle</b>	Spindle speed	min-1 (rpm)	10000
	Method of spindle		Direct Drive
	Spindle nose		7/24 TAPER NO.40
	Dia. of spindle	mm(in)	Ø70 (2.75")
	Spindle motor	kw (hp)	15/18.5
<b>Feedrate</b>	Rapid traverse X-axis	mm/min (ipm)	30000/36000.opt / (1181/1417.opt)
	Rapid traverse Y-axis	mm/min (ipm)	30000/36000.opt / (1181/1417.opt)
	Rapid traverse Z-axis	mm/min (ipm)	30000/36000.opt / (1181/1417.opt)
	Cutting feedrate	mm/min (ipm)	1~10000 (0.04~394)
<b>ATC</b>	No. of tools	tools	40 / OPT.60 / OPT.90 / OPT.120
	Pull stud		P40T-1
	Max tool weight	kg (lb)	10 (22.00)
	Max tool length	mm (in.)	300 (11.81")
	Max tool diameter	mm (in.)	Ø80 (3.15")
	Max tool diameter(no adjacent tool)	mm (in.)	Ø140 (5.51")
	Tool change time (t-t)	sec.	3~4 SEC. (60HZ)
	Tool change time (c-c)	sec.	6 SEC. (60HZ)
	Number of pallets		2
	Method of pallet change		ROTARY
	Pallet change time		8 SEC. (60HZ)
	Floor space	mm (in.)	3600 x 4600 (141.73" x 181.10")
	Machine weight (N.W.)	kg (lb)	10500 (23100)
	Max. machine height	mm (in.)	2960 (116.54")
	Power capacity	kva	45
	Air source	kgf/cm <sup>2</sup> (psi)	6~8 (85~114)

All specifications and designs are subject to change without prior notice.



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