



HT-400/500

Horizontal Machining Center with Auto Pallet Changer



- Great mechanical structure with Box in Box design
- X axis twin ballscrew design with good rigidity and high accuracy
- Fixed-column design with good rigidity and high acceleration
- Built-in twin screw type chip conveyors
- High accuracy roller type linear guides for 3 axes
- Rapid travel 48m/min



L.K. MACHINERY CORP.

Specification:

Model	Unit	HT-400	HT-500
TRAVEL			
X-axis Travel	mm	620	620
Y-axis Travel	mm	560	600
Z-axis Travel	mm	630	565
Distance From Spindle Center To Table Surface	mm	80-640	85-685
Distance From Spindle Nose To Table Center	mm	100-730	100-665
SPINDLE			
Spindle Speed	rpm	Direct Driven 10~10000 (O.P 15000)	Direct Driven 10~10000 (O.P 15000)
Spindle Motor	kw	15/18.5	15/18.5
Spindle Nose		BT40	BT40
TABLE			
Table Dimension	mm	400×400	500×500
APC Change Time	sec	7 (180° Z-axis rotary)	8 (180° Z-axis rotary)
Pallet Top Surface Configuration	kgs	24-M16 x 5 x 80	24-M16 x 5 x 100
Table Load Capacity	mm	400	750
RAPID TRAVERSE			
Rapid Travel (X/Y/Z)	m/min	48/36/48	48/36/48
Cutting Speed Rate	m/min	1~10	1~10
Feed Motor (X/Y/Z)	kw	3.0x 2 / 7.0 / 4.0	3.0 x 2 / 7.0 / 4.0
MAGAZINE			
Tool Change Type		Arm Type	Arm Type
Tool Capacity	set	40(60/90)	40(60/90)
Max. Tool Weight	kgs	7	7
Max. Tool Length	mm	300	300
Max. Tool Diameter (Without Adjacent Tools)	mm	80/150	80/150
Tool Change Time (T-T)	sec	4.8	5
Tool Change Time (C-C)	sec	7	7.5
OTHERS			
Compress Air Supply	kgs/cm ²	6 kgs/cm ² over	6 kgs/cm ² over
Machine Size (L x W x H)	mm	5060×3555×2810	5135×3555×2810
Net Weight	kgs	14060	14260
Gross Weight	kgs	14760	14960

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External Dimension:

Top View

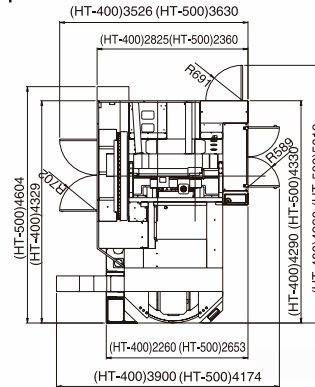
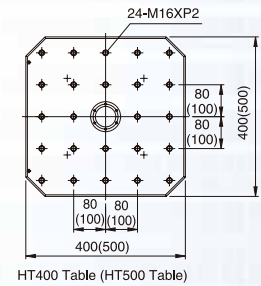
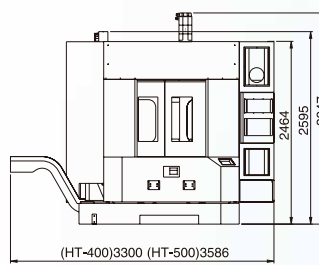


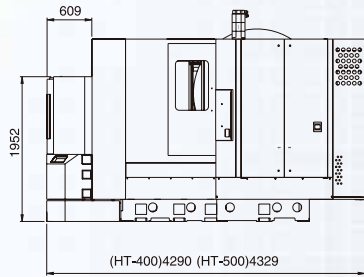
Table Size:



Front View



Side View



Standard Accessories:

- Direct Driven 10000 rpm
- Arm Type 40 Tools
- MAS BT-40
- MAS BT-40/P40-1
- Spindle Oil Cooler
- Air Blast Through Spindle
- MPG Handwheel
- Full Enclosure
- Work Light
- Alarm Lamp
- Leveling Bolts And Pads
- Tool Box
- Heat Exchange Cabinet
- One Year Warranty For Machine

Optional Accessories:

- Direct Driven 12000 rpm
- Direct Driven 15000 rpm
- Arm Type 60 Tools
- Arm Type 90 Tools
- CAT-40
- Coolant Through Spindle
- Chip Conveyor
- Niagra Coolant Shower
- Tool Length Measurement System
- Air Blast
- Linear Scales
- 0.001 indexing table
- APC 6 pallets



Hong Kong (Head Office)



L.K. NingBo, China



L.K. FuXin, China



L.K. Taiwan



L.K. ShenZhen, China



L.K. ZhongShan, China



L.K. ShangHai, China



L.K. ShenZhen, China

L.K. Taiwan:

L.K. MACHINERY CORP.

No. 10, Lane 308, Sec. 2, Shatian Rd.,
Dadu Township, Taichung County 432,
Taiwan.(R.O.C.)

Tel : 886-4-2698-0065

Fax: 886-4-2699-0341

E-mail: info@lkmachinery.com.tw

http://www.lkmachinery.com.tw