

*Worldwide Agent Wanted*



# TT-510P

Vertical Machining Center with Auto Pallet Changer



- One piece base and column design
- Full support base structure design
- Rapid travel 48m/min (opt. 60m/min)
- High acceleration: 1.5~2.7G
- Built-in screw type chip conveyor
- Direct-driven spindle with standard 10,000rpm (opt. 20000rpm)



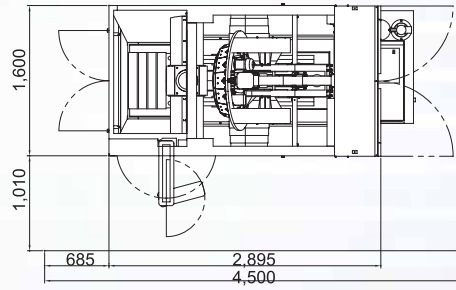
L.K. MACHINERY CORP.

**Specification:**

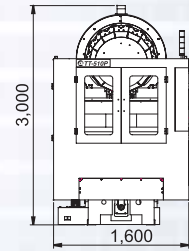
Model	Unit	TT-510P
<b>TRAVEL</b>		
X-axis Travel	mm	510
Y-axis Travel	mm	400
Z-axis Travel	mm	310 (Turret type) / 350 (Arm type)
Distance From Spindle Nose To Table Surface	mm	200-510 (Turret type) 200-550 (Arm type)
Distance From Spindle Center To Z Telescopic cover	mm	490
<b>SPINDLE</b>		
Spindle Speed	rpm	Direct Driven 10-10000 (O.P 15000/20000)
Spindle Motor	kw	2.2 / 3.7 (3.7 / 5.5)
Spindle Nose	BT	BT30
<b>TABLE</b>		
Table Dimension	mm	600 × 400
APC Change Time	sec	5 (180° Z-axis rotary)
Table Load Capacity	mm	14 × 3 × 100
Pallet Top Surface Configuration	kgs	250
<b>RAPID TRAVERSE</b>		
Rapid Travel (X/Y/Z)	m/min	48/48/48 (★60/60/60)
Cutting Speed Rate	G	1(★2.5)
Feed Motor (X/Y/Z)	kw	1.2 / 1.2 / 1.8
<b>MAGAZINE</b>		
Tool Change Type		Turret Type/Arm Type
Tool Capacity	set	14 / 20
Max. Tool Weight	kgs	3
Max. Tool Length ( Without Adjacent Tools )	mm	200
Max. Tool Diameter	mm	77
Tool Change Time (T-T)	sec	1.5
Tool Change Time (C-C)	sec	2.5
<b>OTHERS</b>		
Compress Air Supply	kgs/cm <sup>2</sup>	6
Machine Size (L x W x H)	mm	1600 × 2800 × 2425
Net Weight	kgs	4000
Gross Weight	kgs	4500

© The Above Specifications are Subject To Change Without Notice.

**External Dimension:**

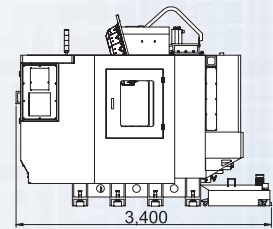
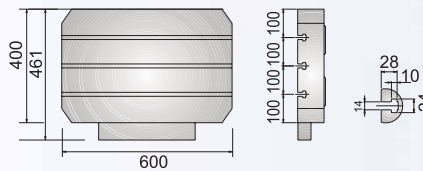


Top View



Front View

**Table Size & T-Slot:**



Side View

**Standard Accessories:**

- Direct Driven 10000 rpm
- Arm Type 24 Tool
- 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 32 Tool
- CAT-40
- Coolant Through Spindle
- Chip Conveyor
- Side Flush Coolant
- Tool Length Measurement System
- Air Blast
- Linear Scales(X axis)
- Linear Scales(Y axis)
- Linear Scales(Z axis)
- 4th Axis (CNC control table)
- 5th Axis (4th axis and rotary axis)



Hong Kong (Head Office)



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L.K. Taiwan



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