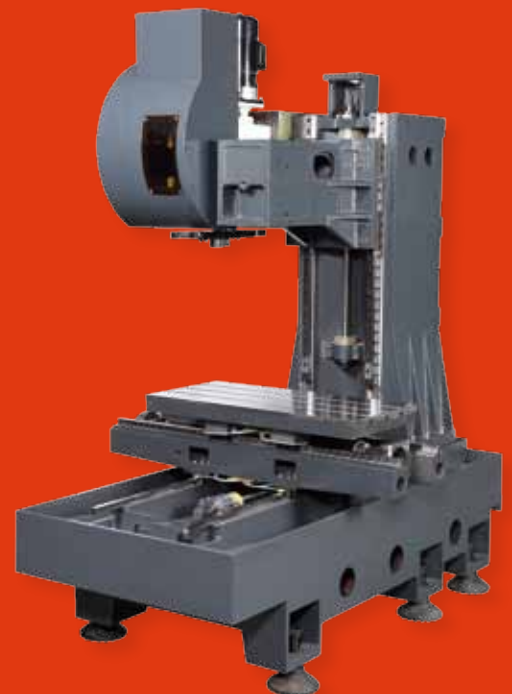




L.K. MACHINERY CORP.

TC-710 plus

**Particular Capability
for Molding Industry
& Automation**



Feature:

- BT-40 Spindle head
- DDS 10,000 rpm
- Arm type tool magazine with 20 Tools
- Fanuc 0iMF control
- 7.5/11 kW spindle motor
- Roller linear guideways

Other standard equipment:

- Spindle tool change air blow
- Side flush system
- MPG hand wheel
- Full body enclosure
- Work light
- One year mechanical parts warranty
- Leveling bolts & pads
- Heat exchanger
- Automatic lubrication system
- Tri color indicator lamp
- Tool box

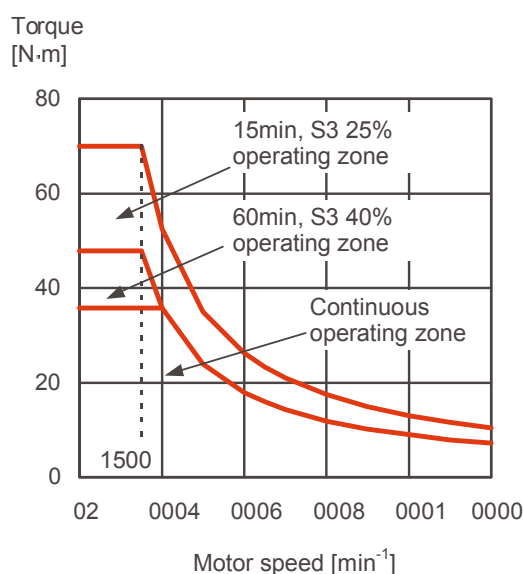
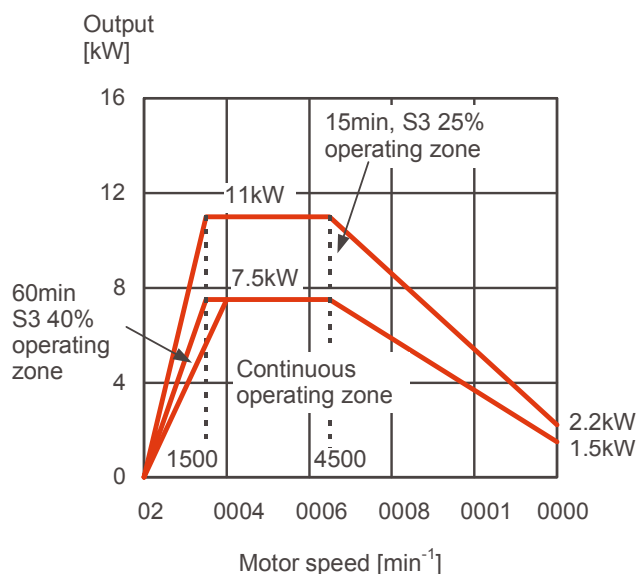
Specifications TC-710 plus

X-axis Travel		710
Y-axis Travel		420
Z-axis Travel		450
Distance From Spindle Center to Table Surface	(mm)	150-600
Table Size	(mm)	850X420
Max. Table Capacity	(kgs)	250
Rapid Travel (X/Y/Z)	(m/min)	48/48/48
Cutting Speed Rate	(m/min)	1-10
Spindle Speed	(rpm)	10,000
Spindle Nose		BT-40
Spindle Motor	(kw)	7.5/11
Tool Change Type		20
Machine Dimension	(mm)	2136 x 2540 x 2435
Machine Weight	(kgs)	3000

Cutting Performance of TC-710 with BT40

Model		TC710	
CNC Controller		Fanuc 0i-MF	
Spindle speed	rpm	10000	
Spindle motor power (10min/Cont.)	kW	7.5/11	
Spindle drive		Direct BT-40	
X/Y/Z Rapid feedrate	M / min.	48 / 48 / 48	
Max. tapping speed	rpm	4000	
Drilling Max. Dia.	mm x mm / rev	S45C	ADC
		§ 32x0.2	§ 38x0.5
Tapping Max.	mm	S45C	ADC
		M24x3.0P	M30x3.5P
Rigid Efficiency M6 x P1	sec./hole		ADC
			1.462
End-mill removment capacity	C.C.	S45C	ADC
		86.4 C.C.	670 C.C.
Cutting parameter (Width x Depth x Feedrate)		32x1.5x1800	30x6x3750
End-mill (groove) removment capacity / Peck of Cut	C.C.	S45C	ADC
		81 C.C.	600 C.C.
Cutting parameter (Width x Depth x Feedrate)		30x1.5x1800	32x5x3750
Face-mill removment capacity	C.C.	S45C	ADC
		225 C.C.	1080 C.C.
Cutting parameter (Width x Depth x Feedrate)		50x3x1500	60x4x4500

Power Chart



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