

PRODUCT Categories

Vertical Machining Center

- > BMV series
- > MV series
- > LMV series
- > MVL series
- > APC series

Horizontal Machining Center →

High Speed Machining Center →

Bed Type Milling Machine →

Knee Type Milling Machine →

Milling Machine →



Vertical Machining Center LMV series: LMV510/710



LMV Series (2 Linear guide way)

MODEL NO. **LMV510/710**

Features

- Finite element analysis
- The extra-wide and extremely stable base has 4 Linear ways providing solid support for the entire machine.
- X, y axis with 4 and 6 blocks on Linear Guideway (850/1000). X, Y axis with 6 and 8 blocks on Linear Guideway (1200/1400).
- High speed and precision ball screw.
- High rigidity spindle.
- Stability ATC system. (Auto tool change)

Specification

Accessories:LMV510

Accessories:LMV710

Specification

Model			LMV510	LMV710
Table	Work area	mm	600X420	760X420
	T-slot	mmXT	100X18X3T	100X18X3T
	Max. loading	kgs	400	500
Travel	Three Axes Travel	mm	510X420X420	710X460X460
	Spindle nose to work table surface	mm	125~545	125~585
	Spindle center to Cloumn slide ways	mm	450	490
Spindle	Spindle taper		BT30	BT40
	Spindle diameter	mm	Ø50	Ø60
	Spindle speed	rpm	10000	10000
Feedrate	3 axes Slide Feedrate		Linear	Linear
	3 axes Cutting Feedrate	m/min	10/10/10	10/10/10
	3-axes rapid Feedrate	m/min	30/30/30 / 40/48/48	30/30/30
ATC	Tool Selection		Bi-directional shortest path	Bi-directional shortest path
	Max. Tool diameter x length	mm	Ø76X250	Ø76X250
	Max. Tool weight	kgs	4	7 4
	Tool shank		BT30	BT40 BT30
	ATC capacity(Armless type)		20	16 20
Motor	Spindle motor (cont/30min)	kw	3.5 / 5.5	5.5 / 7.5
	X, Y, Z-axes Sonomotor		X.Y:HF 153 Z:HF203B	X.Y:HF 153 Z:HF203B
	X, Y, Z-axes ball screw		Ø32XP12 / Ø32XP16	Ø32XP10
	Coolant pump	w	660	660
Miscellaneous	External dimensions(LxWxH)(Approx.)	mm	1750X2300X1980	2180X2050X2144
	Splash guard		Full splash guard	Full splash guard
	Coolant tank capacity	L	150	200
	Net Weight (Approx.)	kgs	3400	4000

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