

CAPABLE - COMPACT - COMPLETE

Robot Loaded Machining Center



LMV-F400 RL



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Specification Chart

Item		LMV-F400 RL
Capacity	X - axis travel	16.5" (421mm)
	Y - axis travel	8.5" (217mm)
	Z - axis travel	7.5" (190mm)
Table	Working space	16.8" x 9.8" (427 x 250mm)
	Workpiece capacity	110lbs (50kg)
Spindle	Speed	100 – 17,000 rpm
	Spindle motor power	2 HP
Feedrate	Rapid Feed (X, Y & Z)	400 ipm (10,200 mm/min)
	Cutting Feed (X, Y & Z)	240 ipm (6,120 mm/min)
Tool Changer	Tool change system	Fixed pot tool changer
	Toolong type	S20T
	Tool storage capacity	11
	Maximun tool diameter	3/8" (10mm)
	Maximum tool length	2" (50mm)
Accuracy	Resolution	0.00004" (0.001mm)
	Repeatability	0.0002"(0.005mm)
	Accuracy	0.0004" (0.01mm)
Control	Model	FANUC series 0i-MF
	Simultaneously controlled axes	Max 4 axes
Robot	Model	FANUC LR Mate 200iD 4s
	Controlled Axes	6
	Max Load Capacity at wrist	8.8lbs (4kg)
	Repeatability	0.0008" (0.02mm)
	Reach	22" (550 mm)
Machine size	Dimensions	Height - 68" (1727mm)
		Width - 61" (1549mm)
		Depth - 37" (940mm)
	Weight	1,000lbs (454kg)
Power source	Power suppy	110 VAC 20A



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