

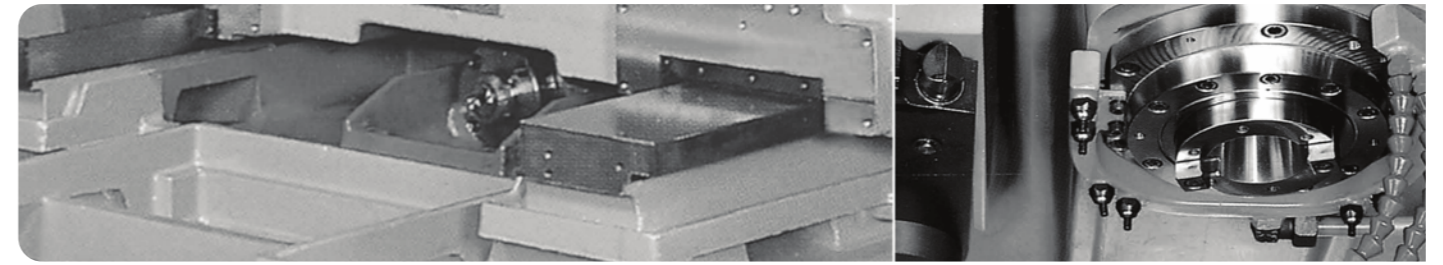
**Box Way Type Machining Center for High Degree of Accuracy Workpiece**

- High Accuracy and Durability, Market Approved Machining Center
- High Productivity for Small Mold of Electric Product



ITEM	UNIT	LCV 650	LCV 550	
Travel	X-axis	mm	1,350	1,150
	Y-axis	mm	650	550
	Z-axis	mm	635	520
	Distance from table top to spindle nose	mm	200-835	150-670
	Distance from pallet center to column	mm	675	600
Table	Table size x T-Slot pitch	mm	1,550x650xP125	1,200x550xP110
	Loading capacity	kg	1,000	800
Spindle	Max.Spindle speed	min <sup>-1</sup>	8,000(12,000)	
	Spindle inner taper No.	7/24 Taper	NT50(40)	
	Bearing inner diameter	mm	ø85(ø65)	
	Spindle drive motor	kW	11/15(11/15)	
	Spindle Torque(30min/cont.)	kg,m	29,2/14,6(9,74/7,14)	
Feedrate	Rapid traverse(X/Y/Z)	m/min	24/24/20	
	Cutting feedrate(X/Y/Z)	mm/min	1-10,000	
	Slide guide type	mm/min	Box guide type	

ITEM	UNIT	LCV 650	LCV 550		
ATC	Tool shank		BT50(BT40)		
	Pull stud type		MAS P50T-1(P40T-1)		
	Tool changing time(T-T)	sec	2,8(2,5)	2,5(1,8)	
	Tool changing time(C-C)	sec	-	-	
	Magazine capacity	ea	24(30)		
	Tool selection		memory random		
	"Maximum tool weight/diameter/length - adjacent empty"	kg/mm	15/ø110/300(8/ø90/300)-ø200(ø150)		
	Motors	Coolant pump motor	kW	0,4(0,9)	
		Lubricant pump(for sliding surface)	W	18	
	Total power capacity	KVA	30		
Machine floor space	mm	3,315 x 2,977	3,200x2,150		
Mass of machine	kg	11,000 (10,900)	7,000(6,800)		
CNC System		F-0-MD(31A)	FANUC 0M-D,31A		



**Machining Center for High Accurate Mold of Electric or Semiconductor**

- Strong Torque for Work to Mold Manufacturing, and Wide Guide Surface for Distributing the Loads
- Large Machining Center but High Accuracy as enough to Small Product.



ITEM	UNIT	LCV 66	LCV 80	
Travel	X-axis	mm	1520	1700
	Y-axis	mm	660	825
	Z-axis	mm	650	
	Distance from table top to spindle nose	mm	200-850	
	Distance from pallet center to column	mm	685	835
Table	Table size	mm	1,700 x 650	1,700 x 800
	Loading capacity	kg	2,000	2,500
	Distance from floor to table top	mm	920	
	T-Slot Width x EA x Pitch	mm	w22x5eax125p	
Spindle	Max.Spindle speed	min <sup>-1</sup>	8,000	8,000
	Spindle Gear	St	2	2
	Spindle inner taper No.	7/24 Taper	50	
	Bearing inner diameter	mm	ø100	
	Spindle drive motor	kW	15/18,5	
Feedrate	Spindle Torque(30min/cont.)	kg,m	62,4/50,6	
	Rapid traverse(X/Y/Z)	m/min	20/20/16	
	Cutting feedrate(X/Y/Z)	mm/min	1-10,000	

ITEM	UNIT	LCV 66	LCV 80		
ATC	Tool shank		BT50		
	Pull stud type		90°		
	Tool changing time(T-T)	sec	2,45		
	Tool changing time(C-C)	sec	8,5	9,5	
	Magazine capacity	ea	24		
	Tool selection		Memory random		
Motors	Maximum tool length/weight	kg/mm	20/110/350		
	Coolant pump motor	kW	0,4		
	Lubricant pump(for spindle head)	kW	0,4		
Etc	Lubricant pump(for sliding surface)	W	18		
	Air Pressure	Mpa	0,4 - 0,6		
Power	Air Quantity	L/min	160		
	Lub. Tank Quantity(Spindle)	L	65		
	Lub. Tank Quantity(sliding surface)	L	3		
	Power	KVA	43		
	Floor Area	mm	4,220 x 3,570	4,220x3,870	
	Mass of machine	kg	12,000	15,000	
	CNC System		FANUC 0M-D, 31A		