

L.K. GROUP PRODUCTS

Die-Casting Machine

- Pressure Casting
- Low Pressure Casting

New Material Application Technology

- Magnesium Alloy Material Application & Equipment

Automation Application Technology

- Real Time Control System
- Real Time Monitoring System
- Central Control System
- Die Casting Center

Injection Molding Technology

- Injection Molding Machine
- Two-Platen Injection

Organization of L.K. Machinery Corp.



CNC Metal Working Technology

High Speed, Compact Tapping Center

- TC-510
- TC-710
- TC-710plus
- TC-1200
- BTC-550
- BTC-550APC
- BTC-550AX

Superb Rigidity Vertical Machining Center

- MV-650
- MV-850
- MV-1050
- MV-1050plus
- MV-1680
- MVP-650
- MVP-850
- MVP-1050
- MVD-650
- MVD-850
- MVD-1050
- VM-1
- VM-2
- VM-3
- VM-4
- VM-5
- VM-6
- MT-800P
- MT-1400
- MT-1600

Robust Horizontal Machining Center

- HT-400
- HT-500
- HT-630
- HT-800
- LH-500

High Speed Double Column Machining Center

- EU-1000
- EU-2000
- EU-3000
- LM-2616
- LM-3116
- LM-4116

Turning Lathe Machine

- LT-6
- LT-8
- LT-10
- LT-12
- LTB-8
- LTB-10
- LTB-12
- LTB-12L

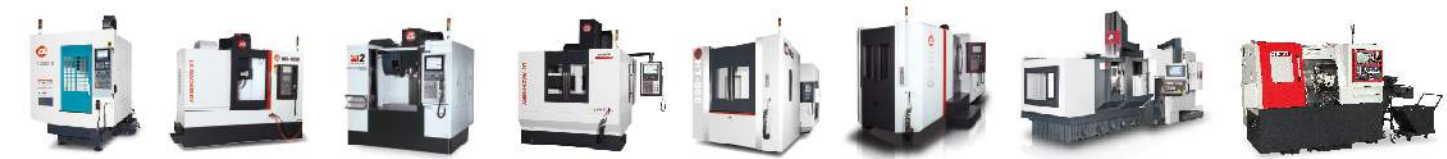


A WORLD Class Manufacturer
with Localized Prompt Service.



A Global MACHINING CENTER MANUFACTURER

- Tapping Center
- Vertical Machining Center
- Horizontal Machining Center
- Double Column Machining Center
- Turning Lathe Machine



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L.K. Group



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ISO 14001

An International Company with All Aspect Sales and Service Team

15 Production Plants with more than 3,000 employees



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■ L.K. Taichung, Taiwan



■ L.K. Kunshan, China



■ L.K. Shenzhen, China



■ L.K. Shanghai, China



■ L.K. Ningbo, China



■ L.K. Zhongshan, China



■ L.K. Fuxin, China



■ L.K. Chongqing, China



■ L.K. Tianjin, China



■ L.K. Brescia, Italy



■ L.K. Michigan, USA



■ L.K. Pune, India



And still Growing

L.K. Machinery Corp. was established in 1979 by founder, Mr. Liu. In the beginning stages, the company specialized in designing and manufacturing cold and hot chamber die casting machines and plastic injection molding machines. Through over 30 years of hard cultivation and development, currently L.K. Group has set up factories in Shanghai, Ningbo, Zhongshan, Shenzhen and Fuxin. The total area of the factories is 260 thousand square feet with over 1,000 employees. L.K. Group is one of the leading manufacturers of cold chamber and hot chamber die casting machines.



L.K. Group also shares a considerable market in plastic molding machines. In 2006, L.K. Group expanded the R&D center in Taiwan for machine tool and plastic injection molding machines and is expected to set up factory in Taichung Science Park. Today, L.K. Group has established comprehensive management systems for product development, manufacturing and quality control. These allow us to constantly develop new products and services to both domestic and overseas customers.

TAPPING CENTERS

TC-510.710

- High speed, compact, user-friendly operation.
- Quick loading bring out outstanding high productivity.
- Can be matched with Delta control Taiwan

Model	Unit	TC-510	TC-710	TC-710plus
CNC Control System	-	Mitsubishi M80		
X/Y/Z Axis Travel	mm	510 / 420 / 350	710 / 420 / 350	710 / 420 / 450
Spindle Speed	rpm	DDS 12,000		DDS 10,000
Spindle Nose	BT	#30		#40
Spindle Motor	kw	3.7/5.5		7.5/11
Table Size	mm	650 x 420	850 x 420	850 x 420
Rapid Travel(X/Y/Z)	m/min	48/48/48		
Tool Change Type	-	Turret		Arm
Tool Capacity	set	16		20
Net Weight	kg	2,800	2,950	3,220



TC-1200

- 3-axis moving column with high rigidity structure.
- One table two working areas.

Model	Unit	TC-1200
CNC Control System	-	Mitsubishi M80
X/Y/Z Axis Travel	mm	1200 / 410 / 420
Spindle Speed	rpm	DDS 12,000
Spindle Nose	BT	#30
Spindle Motor	kw	5.5/7.5
Table Size	mm	1350 x 410
Rapid Travel(X/Y/Z)	m/min	48/48/48
Tool Change Type	-	Arm
Tool Capacity	set	20
Net Weight	kg	6,200



BTC



- High-speed Bridge type machining center.

The BTC-550 design provides 3-axis high speed machining ideal for mold and small-medium general parts processes. The superior rigidity of machine structure allows loading capacity of 600 kgs.



- High productivity with Auto Pallet Change system.

This model is built for high productivity. The excellent APC system eliminates the time for loading and unloading in 3.2 seconds.



- Simultaneous full 5-axis application.

Driven by servo to get precise accuracy in tilting & rotating axes; Φ 350 table dia. allows work-piece height up to 300 mm.

Model	Unit	BTC-550	BTC-550APC	BTC-550AX
CNC Control System	-	Mitsubishi M80		Siemens 840D
X/Y/Z Axis Travel	mm	550 / 400 / 410	550 / 380 / 410	550 / 400 / 380
Spindle Speed	rpm	DDS 12,000		
Spindle Nose	BT	#30		
Spindle Motor	kw	3.7/5.5		
Table Size	mm	800 x 420	650 x 1000	Φ255
Rapid Travel(X/Y/Z)	m/min	48/48/48		
Tool Change Type	-	Turret (Servo)		
Tool Capacity	set	16		
Net Weight	kg	4,600	5,250	4,870



VERTICAL MACHINING CENTERS

MV

- For general mechanical and assembly parts.
- Extraordinary flexibility and high efficiency.

Model	Unit	MV-650	MV-850	MV-1050	MV-1680
CNC Control System	-	Mitsubishi M80			
X/Y/Z Axis Travel	mm	650 / 600 / 560	850 / 600 / 560	1050 / 600 / 560	1680 / 500 / 585
Spindle Speed	rpm	Belt 8,000			
Spindle Nose	BT	#40			
Spindle Motor	kw	11/15			
Table Size	mm	850 x 600	1050 x 600	1250 x 600	1830 x 500
Rapid Travel(X/Y/Z)	m/min	36/36/36			
Tool Change Type	-	Arm			
Tool Capacity	set	24			
Net Weight	kg	5,420	5,670	5,820	9,500



VERTICAL MACHINING CENTERS

VM

- Machining all kinds of mechanical / assembly parts
- 4 or 5-axes rotary table suitable for machining parts
- For varied and big quantity parts

Model	Unit	VM-1	VM-2	VM-3	VM-4	VM-5	VM-6
CNC Control System	-	Mitsubishi M80					
X/Y/Z Axis Travel	mm	600 / 500 / 520	800 / 500 / 520	1000 / 500 / 520	1100 / 600 / 600	1250 / 700 / 600	1350 / 700 / 600
Spindle Speed	rpm	Belt 8,000					
Spindle Nose	BT	#40					
Spindle Motor	kw	11/15					
Table Size	mm	700 x 500	900 x 500	1120 x 500	1100 x 560	1350 x 600	1350 x 600
Rapid Travel(X/Y/Z)	m/min	36/36/24					
Tool Change Type	-	Arm					
Tool Capacity	set	24					
Net Weight	kg	4,300	4,700	5,100	6,400	7,400	7,500



MVP.MVD

- MVP: For machining die casting parts. High speed and stability.
- MVD: For mold processing especially. High speed and high accuracy performance.

Model	Unit	MVP-650	MVP-850	MVP-1050	MVD-650	MVD-850	MVD-1050
CNC Control System	-	Mitsubishi M80			Siemens 828D		
X/Y/Z Axis Travel	mm	650 / 600 / 560	850 / 600 / 560	1050 / 600 / 560	650 / 600 / 560	850 / 600 / 560	1050 / 600 / 560
Spindle Speed	rpm	DDS 10,000			DDS 12,000		
Spindle Nose	BT	#40			#40		
Spindle Motor	kw	7.5/11			9/13		
Table Size	mm	850 x 600	1050 x 600	1250 x 600	850 x 600	1050 x 600	1250 x 600
Rapid Travel(X/Y/Z)	m/min	48/48/36			30/30/30		
Tool Change Type	-	Arm			Arm		
Tool Capacity	set	24			24		
Net Weight	kg	5,420	5,670	5,820	5,420	5,670	5,820

MT-800P

- A shape wide column structure design.
- Automatic pallet changer mechanism.

Model	Unit	MT-800P
CNC Control System	-	Mitsubishi M80
X/Y/Z Axis Travel	mm	850 / 500 / 550
Spindle Speed	rpm	Belt 8,000
Spindle Nose	BT	#40
Spindle Motor	kw	11/15
Table Size	mm	850 x 500 x 2
Rapid Travel(X/Y/Z)	m/min	36/36/36
Tool Change Type	-	Arm
Tool Capacity	set	24
Net Weight	kg	6,700



MV-1050plus

- BT-50 spindle for Heavy-duty cutting application.

Model	Unit	MV-1050plus	MVD-1050plus
CNC Control System	-	Mitsubishi M80	
X/Y/Z Axis Travel	mm	1050 / 600 / 560	
Spindle Speed	rpm	Belt 6,000	DDS 12,000
Spindle Nose	BT	#50	#40
Spindle Motor	kw	15/18.5	
Table Size	mm	1200 x 600	
Rapid Travel(X/Y/Z)	m/min	36/36/36	
Tool Change Type	-	Arm	
Tool Capacity	set	24	
Net Weight	kg	8,820	8,720



MT-1400.1600

- A shape wide column structure design.
- Automatic pallet changer mechanism.

Model	Unit	MT-1400	MT-1600
CNC Control System	-	Fanuc Oi-MF	
X/Y/Z Axis Travel	mm	1400 / 750 / 700	1600 / 750 / 700
Spindle Speed	rpm	Gear 7,000	
Spindle Nose	BT	#50	
Spindle Motor	kw	11/15	
Table Size	mm	1600 x 800	1800 x 800
Rapid Travel(X/Y/Z)	m/min	36/36/24	
Tool Change Type	-	Arm	
Tool Capacity	set	24	
Net Weight	kg	14,000	15,000



HORIZONTAL MACHINING CENTERS

HT

- State-of-the-art design of Box-in-Box structure.
- Perfect efficiency & productivity with Auto Pallet Changer system.
- Option: single-deck pallet.

Model	Unit	HT-400	HT-500	HT-630	HT-800
CNC Control System	-	Fanuc 0i-MF			
X/Y/Z Axis Travel	mm	820 / 720 / 635		1050 / 900 / 1000	1400 / 1100 / 1000
Spindle Speed	rpm	DDS 10,000		DDS 7,000	
Spindle Nose	BT	#40		#50	
Spindle Motor	kw	15/18.5		22/26	
Table Size	mm	400 x 400 x 2	500 x 500 x 2	630 x 630 x 2	800 x 800 x 2
Rapid Travel(X/Y/Z)	m/min	48/48/48			
Tool Change Type	-	Round-Rail		Chain	
Tool Capacity	set	60			
Net Weight	kg	17,900	18,000	25,000	27,000



LH

- High Precision, High Speed Horizontal Machining Centers.

Model	Unit	LH-500
CNC Control System	-	Mitsubishi M80
X/Y/Z Axis Travel	mm	730 / 730 / 880
Spindle Speed	rpm	DDS 12,000
Spindle Nose	BT	#40
Spindle Motor	kw	22/26
Table Size	mm	500 x 500
Rapid Travel(X/Y/Z)	m/min	60/60/60
Tool Change Type	-	Round-Rail
Tool Capacity	set	40
Net Weight	kg	11,000



DOUBLE COLUMN MACHINING CENTERS

EU

- Double column machining center with 18000 rpm high speed and high precision.

Model	Unit	EU-1000	EU-2000	EU-3000
CNC Control System	-	Siemens 828D	Siemens 840D	
X/Y/Z Axis Travel	mm	1050 / 800 / 600	2000 / 1250 / 650	3000 / 1550 / 650
Spindle Speed	rpm	Built-in 18,000 (Kessler)		
Spindle Nose	-	HSK-63		
Spindle Motor	kw	25/31		
Table Size	mm	1120 x 800	2300 x 1000	3000 x 1300
Rapid Travel(X/Y/Z)	m/min	40/40/30	30/30/30	
Tool Change Type	-	Arm	Round-Rail	
Tool Capacity	set	24		
Net Weight	kg	10,500	19,000	28,000



DOUBLE COLUMN MACHINING CENTERS

LM

- Heavy-duty bridge type machining center. The base is designed as V type rib structure, which perfectly ensures non-deformation under heavy loading.
- One-piece spindle head design provides large torque in low speed for heavy-duty processing or fast cutting at high speed.

Model	Unit	LM-2616	LM-3116	LM-4116
CNC Control System	-	Siemens 828D		
X/Y/Z Axis Travel	mm	2600 / 1600 / 800	3100 / 1600 / 800	4100 / 1600 / 800
Spindle Speed	rpm	DDS 8,000		
Spindle Nose	BT	#50		
Spindle Motor	kw	22/26		
Table Size	mm	2500 x 1500	3000 x 1500	4000 x 1500
Rapid Travel(X/Y/Z)	m/min	24/24/15		
Tool Change Type	-	Arm		
Tool Capacity	set	24		
Net Weight	kg	23,800	25,000	28,000



TURNING LATHE MACHINE

LT

- Linear ways.

Model	Unit	LT-6	LT-8	LT-10	LT-12
CNC Control System	-	Fanuc 0i-TF			
X/Z axis Travel	mm	190 / 360	185 / 530	230 / 590	230 / 820
Spindle Speed	rpm	6,000	4,000	3,500	
Spindle Motor	kw	11/15		15/18.5	
Spindle Bore Hole / Taper	mm / rpm	52 / A2-5	65 / A2-6	86 / A2-8	
3 jaw chuck	inch	6	8	10	12
Bar Diameter	mm	41	52	75	
Turret Type / Tool Capacity	-	Servo / 10 tools			
Tailstock / Tail Sleeve Taper	-	programmable / MT#4	programmable / MT#5		
Net Weight	kg	3,380	4,120	5,430	6,100



LTB

- Boxway.

Model	Unit	LTB-8	LTB-10	LTB-12	LTB-12L
CNC Control System	-	Fanuc 0i-TF			
X/Z axis Travel	mm	190 / 600		265 / 1200	265 / 1650
Spindle Speed	rpm	4,200	3,000		
Spindle Motor	kw	11/15		15/18.5	
Spindle Bore Hole / Taper	mm / rpm	62 / A2-6	92 / A2-8	130 / A2-8	
3 jaw chuck	inch	8	10	12	12
Bar Diameter	mm	52		75	
Turret Type / Tool Capacity	-	Servo / 12 tools			
Tailstock / Tail Sleeve Taper	-	programmable / MT#4		programmable / MT#5	
Net Weight	kg	5,200	5,350	6,000	6,300