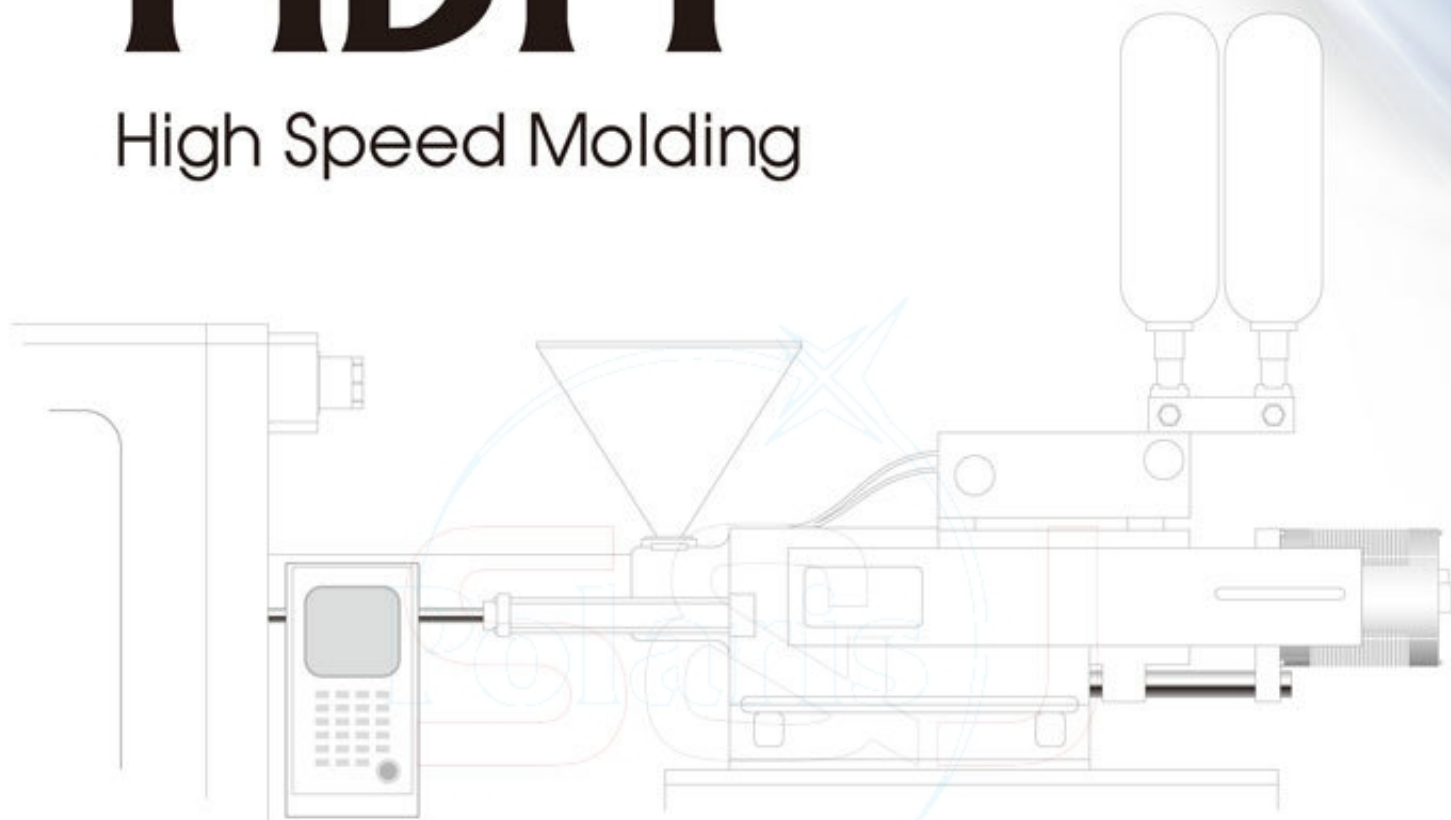


HBH

High Speed Molding



LENFA®

INJECTION MOLDING MACHINES

Energy Efficiency
Hybrid System



5~8 sec/mol



HBH

High Speed Molding
+ Energy Efficiency
Hybrid System



High Speed Molding

- ▲ Close loop servo hydraulic controlled, injection speed can achieve to 250 to 500 mm/s
- ▲ It is merit of excellent response with high precision servo valve closed-loop system.
- ▲ 5~8 sec/mold cycle time, high quantity output and perfect quality .
- ▲ high speed molding system applies to flake and roomy molding parts for consumer products in large quantity. Such as tableware, beverage cup and CD 、VCD cases.... etc.



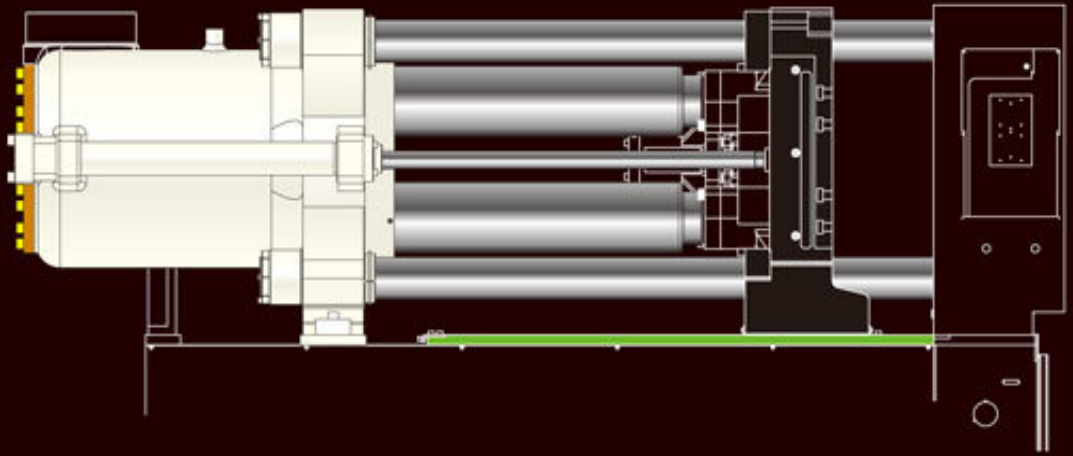
d cycle time

Energy Efficiency Hybrid System

System Feature :

- ▲ New hydraulic circuit design, integration of electrical control technology, not only achieve a high response, Low noise, the precision of speed and pressure control, and not compromise the ability of holding injection. More can be avoided by a large amount of waste lubricants and Ball screw contour supplies shortcomings that existing from Electric injection machine.
- ▲ Mining closed loop with a single pump to control the multi-cylinder actuator, aims to save energy. The system for the minimum amount of investment.
- ▲ Low depletion of energy control technology import, increased significantly inhibit oil temperature (5 to 10°C), and stability the actuator oil quality, not only improve the efficiency of the machinery and molded product yields, will also be eligible for dynamic Oil life enhancement, and the administrative expenses of the cooling system of multiple economic benefits.
- ▲ Lower supplies and maintenance needs, and improve energy use efficiency, environmental protection, etc. All lower operating costs, making the initial investment difference in the short term can be very rapid recovery.





Direct Clamping Structure

MT model with excellent structural rigidity, flexible and accurate, it reduces mechanical wear and power consumption. In response to diverse plastic molding process, the direct clamping system is widely used to meet the technical requirements for precision molding.



HBH

35t~700t

Direct Clamping
Cylinders Type

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

	型 式 TYPE	單位 Unit	LF 37		LF 57				A
			A	B	A	B	C	D	
射出系統 Injection Unit	料軸直徑 Screw Diameter	mm	18	20	18	20	22	25	22
	射出重量 (PS) Shot Weight (PS)	gram	18	23	25	31	37	48	44
	射出壓力 Injection Pressure	kg/cm ²	3456	2800	3462	3160	2612	2023	3616
	理論射出容積 Theoretical Shot Volume	cm ³	20	25	28	35	42	54	49
	射出率 Injection Rate	cm ³ /sec.	127	157	127	157	190	245	190
	射出速度 Injection Speed (Accumulator)	mm/sec.	500		500				
	可塑化能力 Plasticization	kg/hr	27	34	27	34	41	53	41
鎖模系統 Mold Lock Unit	直壓缸數 Number of Cylinder Drive	Pcs.	1		1				
	閉模力 Clamping Force	ton	35		60				
	開模行程 Opening Stroke	mm	280		350				
	最小模厚 Minimum Mold Thickness	mm	150		150				
	總行程 Maximum Daylight	mm	430		500				
	機柱間隔 Tie Bar Clearance (H×V)	mm	255×255		305×305				
	頂出行程 Ejector Stroke	mm	70		70				
其他 Other	HBH - 馬達 Servo + Conventional Motor	hp	10 + 5		10 + 7.5				
	電熱容量 Heater Capacity	kW	2		3.5				
	油箱容量 Oil Tank Capacity	L	100		200				
	機械重量 Machine Weight	ton	1.4		2				
	機械尺寸 Machine Size (L×W×H)	mm	3050×1000×1500		3900×1000×1900				

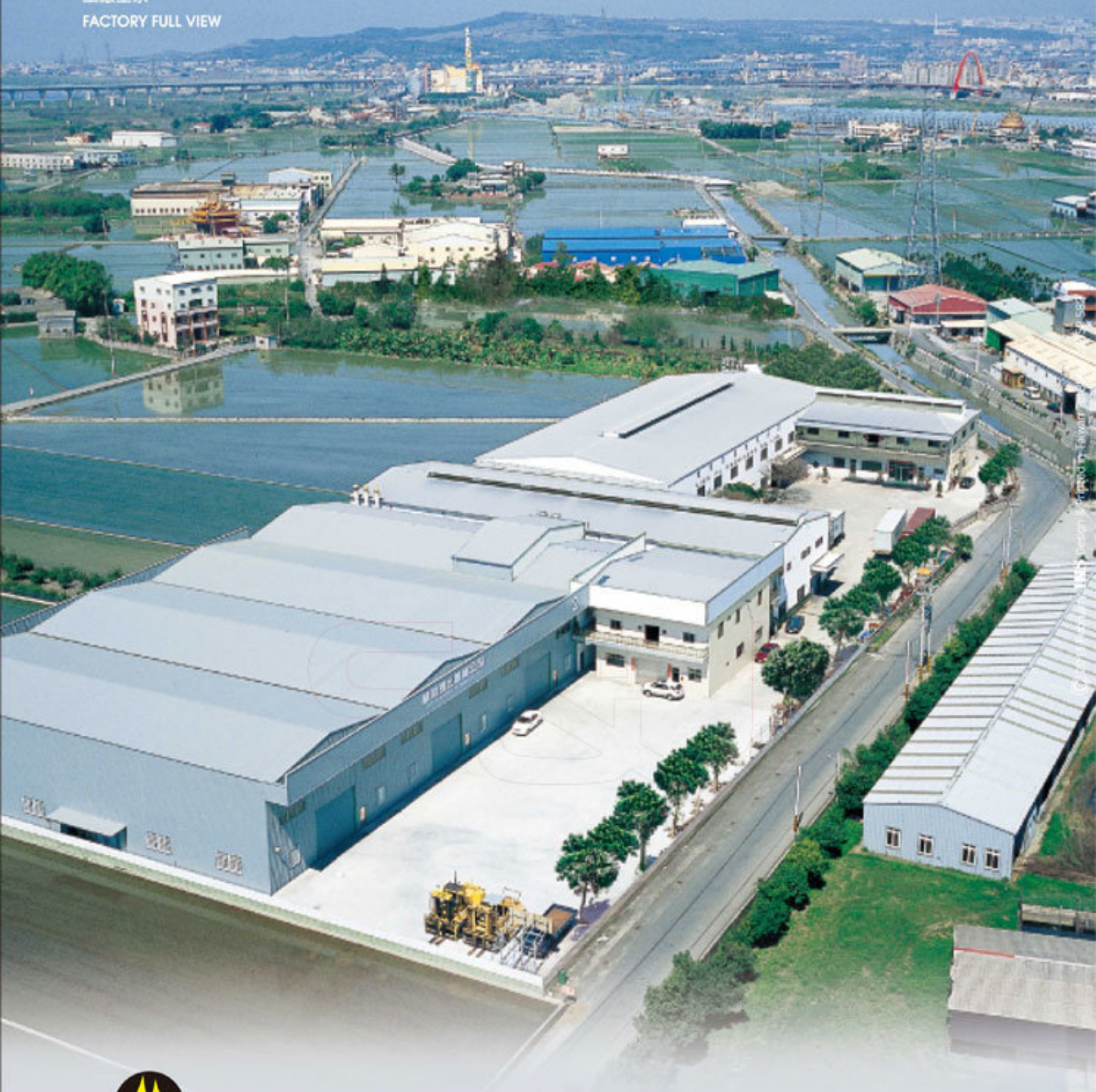
	型 式 TYPE	單位 Unit	LF 270			LF 320			A
			A	B	C	A	B	C	
射出系統 Injection Unit	料軸直徑 Screw Diameter	mm	50	55	60	55	60	65	60
	射出重量 (PS) Shot Weight (PS)	gram	521	630	750	630	750	880	890
	射出壓力 Injection Pressure	kg/cm ²	2625	2170	1822	2170	1822	1555	2060
	理論射出容積 Theoretical Shot Volume	cm ³	579	701	834	701	834	978	989
	射出率 Injection Rate	cm ³ /sec.	687	831	989	831	989	1161	989
	射出速度 Injection Speed (Accumulator)	mm/sec.	350			350			
	可塑化能力 Plasticization	kg/hr	212	256	305	256	305	358	305
鎖模系統 Mold Lock Unit	直壓缸數 Number of Cylinder Drive	Pcs.	1		4	4			
	閉模力 Clamping Force	ton	270			320			
	開模行程 Opening Stroke	mm	800			900			
	最小模厚 Minimum Mold Thickness	mm	300			300			
	總行程 Maximum Daylight	mm	1100			1200			
	機柱間隔 Tie Bar Clearance (H×V)	mm	560×560			610×610			
	頂出行程 Ejector Stroke	mm	150			150			
其他 Other	HBH - 馬達 Servo + Conventional Motor	hp	40 + 15			50 + 15			
	電熱容量 Heater Capacity	kW	15			15			
	油箱容量 Oil Tank Capacity	L	800			1000			
	機械重量 Machine Weight	ton	10.5			14			
	機械尺寸 Machine Size (L×W×H)	mm	6700×1800×2400			7400×1900×2580			7

WITHOUT PRIOR NOTICE. SPECIAL SPECIFICATION ORDERING IS ACCEPTABLE.

LF 77			LF 107			LF 137			LF 187		
B	C	D	A	B	C	A	B	C	A	B	C
25	28	30	28	30	35	30	35	40	45	50	55
57	72	82	99	114	155	114	155	203	315	388	469
2800	2232	1945	2695	2348	1726	3208	2357	1805	2600	2106	1741
64	80	92	111	127	173	127	173	226	350	432	522
245	308	353	215	247	337	247	337	440	556	687	831
500			350			350			350		
53	66	76	66	76	104	76	104	136	172	212	256
1			1			1		4	1		4
80			120			150			180		
400			450			550			650		
150			180			200			200		
550			630			750			850		
355×355			402×402			455×455			505×505		
70			95			95			95		
15 + 7.5			20 + 7.5			25 + 10			30 + 10		
5			5.9			8			11.5		
200			400			500			600		
3			4.3			4.8			6.8		
4200×1400×2000			5000×1350×2100			5790×1500×2200			6000×1600×2250		

LF 370			LF 507			LF 607			LF 707		
B	C		A	B	C	A	B	C	A	B	C
65	70		65	70	75	70	75	80	75	80	85
1045	1211		1045	1212	1390	1471	1689	1922	1689	1921	2169
1755	1515		2145	1850	1610	2357	2055	1805	2550	2240	1985
1161	1346		1161	1346	1545	1635	1877	2135	1877	2135	2410
1161	1346		929	1077	1236	1077	1236	1407	1236	1407	1588
350			280			280			280		
358	415		358	415	477	415	477	543	477	543	613
4			4			4			4		
370			500			600			700		
950			1100			1150			1150		
400			400			400			450		
1350			1500			1550			1600		
665×665			710×710			805×765			860×810		
200			200			200			250		
60 + 15			75 + 20			100 + 25			100 + 25		
16			21			26			30		
1200			1400			1600			1800		
18.5			20.5			23.5			29.5		
7800×2000×2650			8200×2100×2850			10500×2200×3100			11000×2200×3250		

工廠全景
FACTORY FULL VIEW



LIEN FA INJECTION MACHINERY CO., LTD

No.165, Aly. 418, Ln. 506, Sec. 1, Xinan Rd., Wuri Dist.,
Taichung City, TAIWAN (41462) R.O.C.
Tel +886-4-2335 4606~9 Fax +886-4-2335 4551~2

鏈發射出機械股份有限公司

台灣 台中市烏日區
溪南路一段 506巷 418弄 165號

e-mail:lf@lienfa.com.tw

www.lienfa.com.tw

