

LS 立式合模机

LS Vertical Die Spotting Press Machine



LS 立式合模机是针对中、大型模具推出的立式合模机。采用电永磁盘吸合模具，无需紧固螺丝，模具可实现 0-180 度翻转，可局部合模（合 A、B 板模）。LS 系列立式合模机是吸纳了适意品牌卧式合模机的设计理念研发而成，具备卧式合模机同等功能。

By adopting the same design concept of horizontal die spotting press machine, which can perform the same functions of the former. The LS machine is fully controlled via a computerized touch-screen monitor without the need of clamping bolts, the machine can turn molds between 0-180 degrees and selectively handle A and B mold plates.

旋转工作台 Rotary Plate

LS 亦可配置旋转工作台，应用延伸至双色及三色模具。
Optional feature with rotary plate extending to dual- and tri-injection mold application.



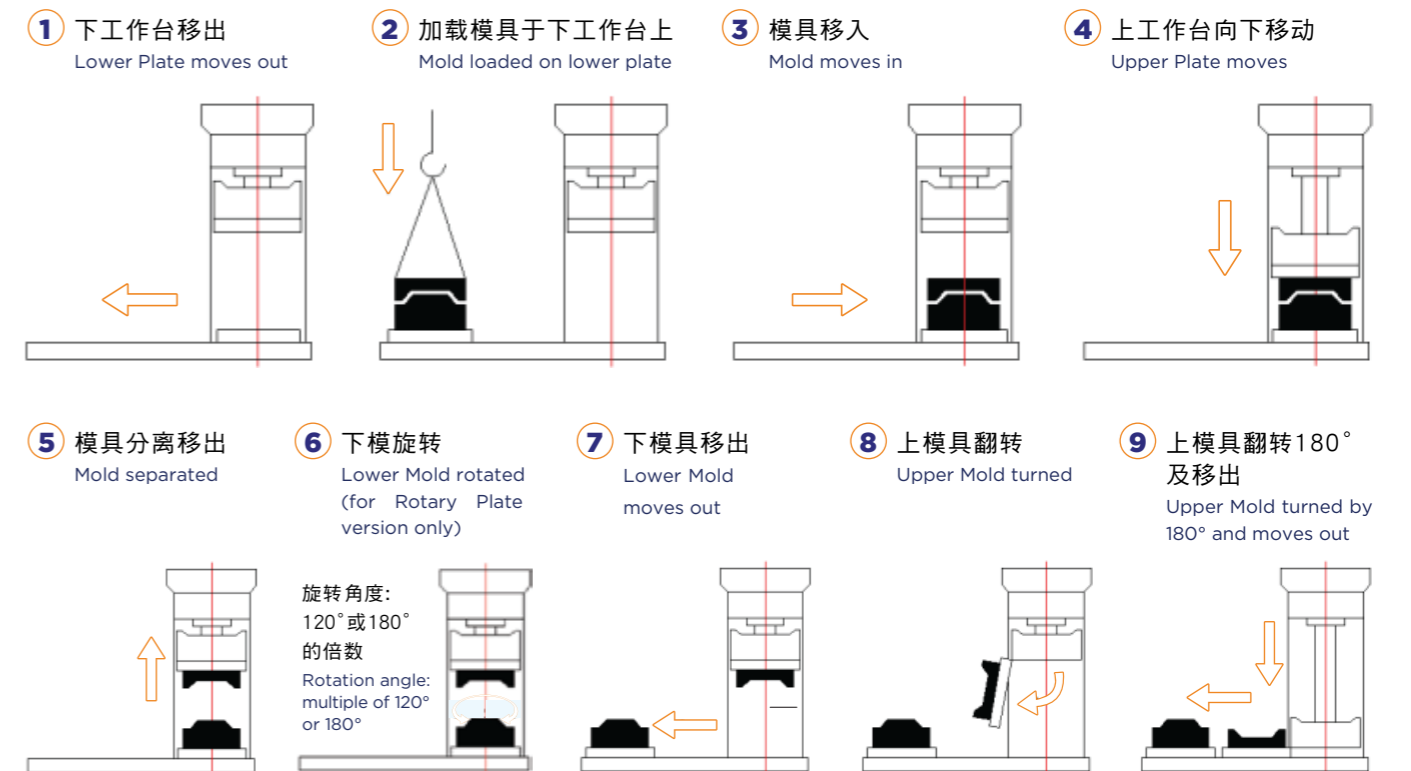
特点 FEATURE

- ▶ 操作简便，一人操作
Simple operation, one-man operation
- ▶ 省力，省人工，制模周期短，精度高
Efficient, manpower saving, shortens mold production time with high precision
- ▶ 安全可靠，具有永磁保护，断电不掉模
Safe and reliable -permanent magnetic technology secures mold clamping even with a power outage
- ▶ 液压采用伺服控制系统，使运行更平滑，减少冲击、震动
Hydraulic servo control system reduces impact and vibration, achieves energy saving and brings operation smooth, safe and stable

功能 FUNCTION

- ▶ 适用于中型至大型模具
Design for medium to large size molds and dies
- ▶ 电脑调压均匀印红丹
Computerized pressure adjustment to achieve uniform die spotting ink
- ▶ 上磁盘可负载模具作 0-180 度翻动
Mold-carried swinging angle between 0 - 180° (upper plate)
- ▶ 电永磁吸模，不用紧固螺丝 *压板型号可供客户选择
Boltless electro-permanent magnetic clamping technology *Bolt-clamping version available for customer's preference

作业流程图 OPERATION FLOW



红外线光幕感测器
infr-red curtain sensor



顶针运作检测
Ejection pins resting



旋转工作台
Rotary Plate



电永磁夹紧技术
Electro-magnetic clamping



防跌落装置
Anti-drop device

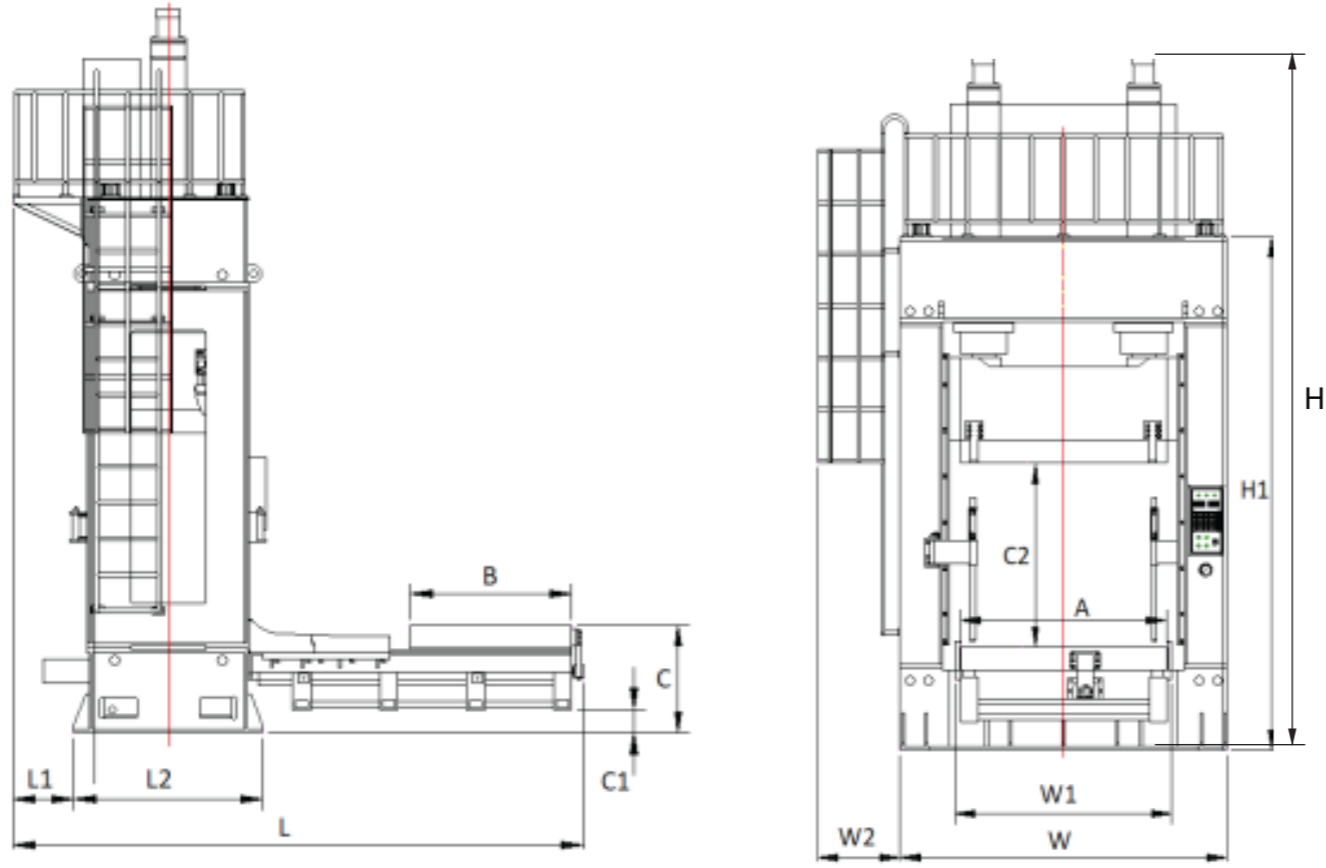


锁紧装置
Locking device

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规格尺寸表 DIMENSION



	LS-50	LS-70	LS-120	LS-160	LS-200	LS-300	LS-350	LS-400	LS-500	LS-1000
L (mm)	2860	3010	3650	4320	4600	6100	6100	6630	8180	8180
L1 (mm)	230	230	50	500	490	235	235	345	350	350
L2 (mm)	1100	1150	1500	1400	1520	2130	2130	2130	2800	2800
W (mm)	1900	2000	2250	2650	2860	3250	3750	4500	5200	5200
W1 (mm)	980	1090	1400	1700	1900	2120	2620	3140	3850	3850
W2 (mm)	170	170	200	750	750	750	750	750	750	750
H (mm)	3400	3700	4400	5600	6100	7150	7150	8800	9500	9500
H1 (mm)	2300	2500	3050	3930	4470	5170	5170	6520	7320	7320
A (mm)	900	1000	1300	1600	1800	2000	2500	3000	3500	3500
B (mm)	700	750	1000	1200	1300	1800	1800	2000	2500	2500
C (mm)	470	470	570	820	900	990	990	1250	1530	1530
C1 (mm)	/	/	/	150	200	280	280	300	630	630
C2 (mm)	800	1000	1200	1500	1600	2000	2000	2500	2700	2700

* 以上技术参数仅供参考，并服从实际设备。东莞适意机械有限公司保留最终解释及修改权。

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规格尺寸表 PRODUCT SPECIFICATION

	LS-50	LS-70	LS-120	
最大合模力 Maximum closure force (kN)	500	700	1200	
最大提升能力 Maximum lifting force (kN)	120	150	180	
最大行程 Maximum stroke (mm)	800	1000	1200	
开模空间 Plates separation distance (mm)	800	1000	1200	
工作台尺寸 Bolster area (mm)	900 x 700	1000 x 750	1300 x 1000	
上工作台 Upper plate	▶ 承载及翻转能力 Loading and turning capacity (t)	1.2	1.5	3
	▶ 上升/下降速度 Up/Down speed (mm/s)	45 / 60	60 / 70	60 / 70
	▶ 永磁吸力 Permanent magnetic clamping capacity (t)	9	14	18
	▶ 电永磁吸力 Permanent electro-magnetic clamping capacity (t)	36	56	72
下工作台 Lower plate	▶ 翻转角度 Swinging angle (°)	0 - 180	0 - 180	0 - 180
	▶ 承载能力 Loading capacity (t)	2.5	3	7
	▶ 磁盘吸力 Magnetic clamping capacity (t)	24	40	60
	▶ 移出行程 Out stroke travel (mm)	1580	1680	2180
加压速度 Pressurizing speed (s)	16	22	22	
顶出能力 Ejection capacity (t)	1	3	3	
顶出行程 Ejection stroke (mm)	100	100	100	
电机功率 Motor power (kW)	8.3	8.3	8.3	
机床占地尺寸 Dimensions (mm)	2860 x 2070	3010 x 2170	3650 x 2450	
机床最高高度 Height (mm)	3500	3800	4500	
机床大约总重 Approximate Weight (t)	6	6.5	11	

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规格尺寸表 PRODUCT SPECIFICATION

		LS-160	LS-200 [#]
最大合模力 Maximum closure force (kN)		1600	2000
最大提升能力 Maximum lifting force (kN)		300	350
最大行程 Maximum stroke (mm)		1600	1750
开模空间 Plates separation distance (mm)		1500	1600
工作台尺寸 Bolster area (mm)		1600 x 1200	1800 x 1300
上工作台 Upper plate	▶ 承载及翻转能力 Loading and turning capacity (t)	5	7
	▶ 上升/下降速度 Up/Down speed (mm/s)	65 / 75	70 / 80
	▶ 永磁吸力 Permanent magnetic clamping capacity (t)	35	50
	▶ 电永磁吸力 Permanent electro-magnetic clamping capacity (t)	140	200
下工作台 Lower plate	▶ 翻转角度 Swinging angle (°)	0 - 180	0 - 180
	▶ 承载能力 Loading capacity (t)	12	16
	▶ 磁盘吸力 Magnetic clamping capacity (t)	75	90
▶ 移出行程 Out stroke travel (mm)		2400	2600
加压速度 Pressurizing speed (s)		22	22
顶出能力 Ejection capacity (t)		4	4
顶出行程 Ejection stroke (mm)		150	150
电机功率 Motor power (kW)		16.5	16.5
机床占地尺寸 Dimensions (mm)		4320 x 3400	4600 x 3610
机床最高高度 Height (mm)		5700	6200
机床大约总重 Approximate Weight (t)		20	25.5

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LS-200可定制单缸机型

Single- or Dual-cylinder configuration for LS-200 available

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		LS-300	LS-350
最大合模力 Maximum closure force (kN)		3000	3500
最大提升能力 Maximum lifting force (kN)		600	650
最大行程 Maximum stroke (mm)		2150	2150
开模空间 Plates separation distance (mm)		2000	2000
工作台尺寸 Bolster area (mm)		2000 x 1800	2500 x 1800
上工作台 Upper plate	▶ 承载及翻转能力 Loading and turning capacity (t)	12	15
	▶ 上升/下降速度 Up/Down speed (mm/s)	70 / 80	70 / 80
	▶ 永磁吸力 Permanent magnetic clamping capacity (t)	70	90
	▶ 电永磁吸力 Permanent electro-magnetic clamping capacity (t)	280	360
下工作台 Lower plate	▶ 翻转角度 Swinging angle (°)	0 - 180	0 - 180
	▶ 承载能力 Loading capacity (t)	25	30
	▶ 磁盘吸力 Magnetic clamping capacity (t)	150	180
▶ 移出行程 Out stroke travel (mm)		3600	3600
加压速度 Pressurizing speed (s)		25	25
顶出能力 Ejection capacity (t)		6	6
顶出行程 Ejection stroke (mm)		200	200
电机功率 Motor power (kW)		16.5	24.5
机床占地尺寸 Dimensions (mm)		6100 x 4000	6100 x 4500
机床最高高度 Height (mm)		7250	7250
机床大约总重 Approximate Weight (t)		42	44

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	LS-400	LS-500	
最大合模力 Maximum closure force (kN)	4000	5000	
最大提升能力 Maximum lifting force (kN)	900	1000	
最大行程 Maximum stroke (mm)	2650	2750	
开模空间 Plates separation distance (mm)	2500	2700	
工作台尺寸 Bolster area (mm)	3000 x 2000	3500 x 2500	
上工作台 Upper plate	▶ 承载及翻转能力 Loading and turning capacity (t)	20	30
	▶ 上升/下降速度 Up/Down speed (mm/s)	70 / 80	70 / 80
	▶ 永磁吸力 Permanent magnetic clamping capacity (t)	100	150
	▶ 电永磁吸力 Permanent electro-magnetic clamping capacity (t)	400	600
下工作台 Lower plate	▶ 翻转角度 Swinging angle (°)	0 - 180	0 - 180
	▶ 承载能力 Loading capacity (t)	45	65
	▶ 磁盘吸力 Magnetic clamping capacity (t)	240	450
	▶ 移出行程 Out stroke travel (mm)	4000	5000
加压速度 Pressurizing speed (s)	25	25	
顶出能力 Ejection capacity (t)	8	10	
顶出行程 Ejection stroke (mm)	200	250	
电机功率 Motor power (kW)	24.5 + 22	24.5 + 22	
机床占地尺寸 Dimensions (mm)	6630 x 5350	8180 x 5950	
机床最高高度 Height (mm)	8800	9600	
机床大约总重 Approximate Weight (t)	76	120	

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规格尺寸表 PRODUCT SPECIFICATION

	LS-1000	
最大合模力 Maximum closure force (kN)	1000	
最大提升能力 Maximum lifting force (kN)	1100	
最大行程 Maximum stroke (mm)	2650	
开模空间 Plates separation distance (mm)	2600	
工作台尺寸 Bolster area (mm)	3500 x 2500	
上工作台 Upper plate	▶ 承载及翻转能力 Loading and turning capacity (t)	30
	▶ 上升/下降速度 Up/Down speed (mm/s)	70/80
	▶ 永磁吸力 Permanent magnetic clamping capacity (t)	200
	▶ 电永磁吸力 Permanent electro-magnetic clamping capacity (t)	900
下工作台 Lower plate	▶ 翻转角度 Swinging angle (°)	0-180
	▶ 承载能力 Loading capacity (t)	65
	▶ 磁盘吸力 Magnetic clamping capacity (t)	450
	▶ 移出行程 Out stroke travel (mm)	5000
加压速度 Pressurizing speed (s)	12	
顶出能力 Ejection capacity (t)	10	
顶出行程 Ejection stroke (mm)	250	
电机功率 Motor power (kW)	22+22+16.5	
机床占地尺寸 Dimensions (mm)	8200 x 6000 x 9600	
机床最高高度 Height (mm)	9600	
机床大约总重 Approximate Weight (t)	160	

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