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CT 系列  
Series

注塑机  
Plastic Injection Molding Machine

03.2013-F36

 Being Advanced is Most Important at CLF.

» 性能与效率的最佳结合，

A Perfect Combination of **PERFORMANCE** And **EFFICIENCY**

全新设计  
All New Design

**CT** 系列  
Series

# 注塑机。

Plastic Injection Molding Machine

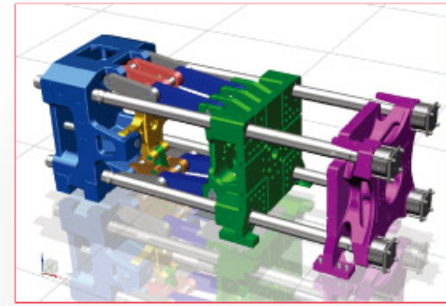


高强度五点式曲肘锁模机构设计，刚性佳，运行快速平稳。

Robust five-point toggle type mold clamping mechanism features high rigidity with fast and stable movement.

机构运动分析，开关模动作快捷平顺。

Mechanism motion analysis ensures fast and smooth motions of mold open / close.



高刚性的静模板挠性设计，变型量小。

High rigidity fixed mold Platen is a flexible design to reduce deformation to a minimum.

日本先进控制器。

Japanese-imported advanced controller.

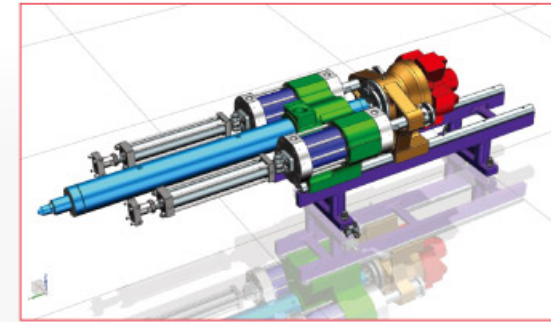
PID温度控制精确。

High accuracy PID temperature control.

双缸滑座式射出单元。

标准模组化设计维修便利。

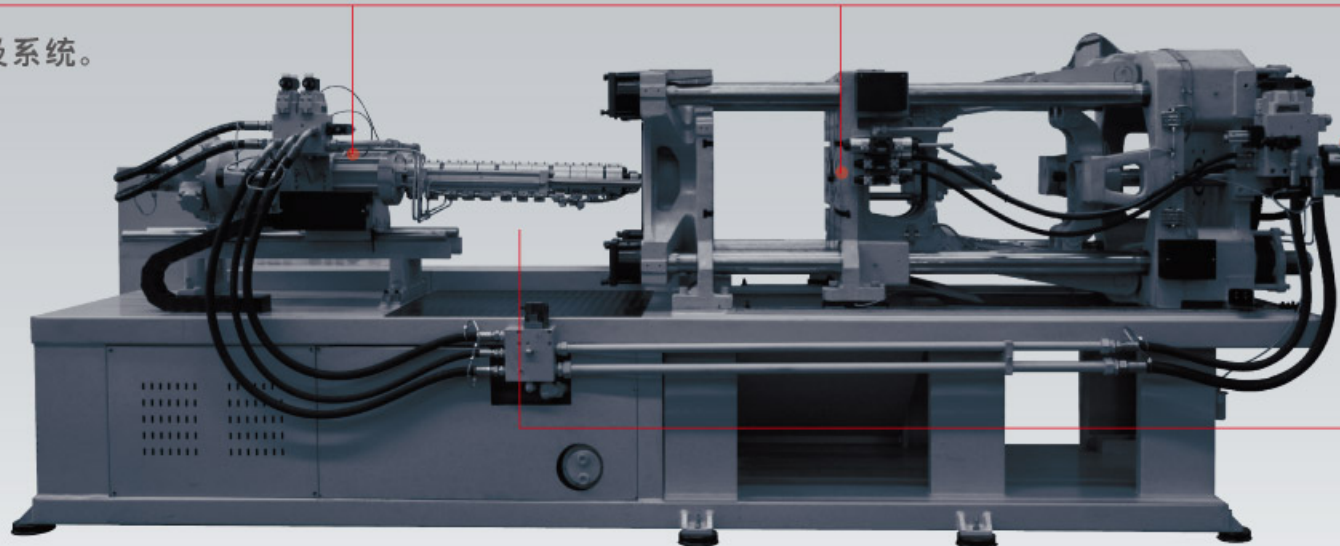
Dual-cylinder slide type injection unit. Standard modular design makes maintenance convenient.



进口高精度液压零件组及系统。

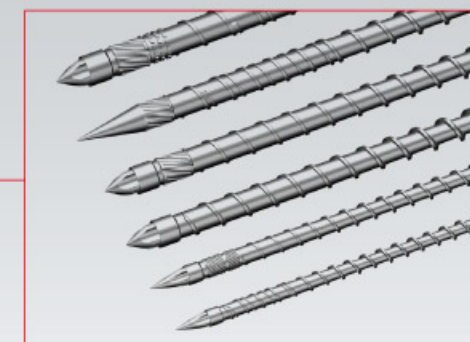
可搭配高性能伺服系统，符合GB22530和EN201液压安全标准。

The use of the imported high precision hydraulic parts and systems, which combined with the optional high performance servo system to comply with GB22530 and EN201 hydraulic safety standards.



提供多样性符合各种塑料设计的螺杆供选择。

A wide range of screws to suit various plastic materials.

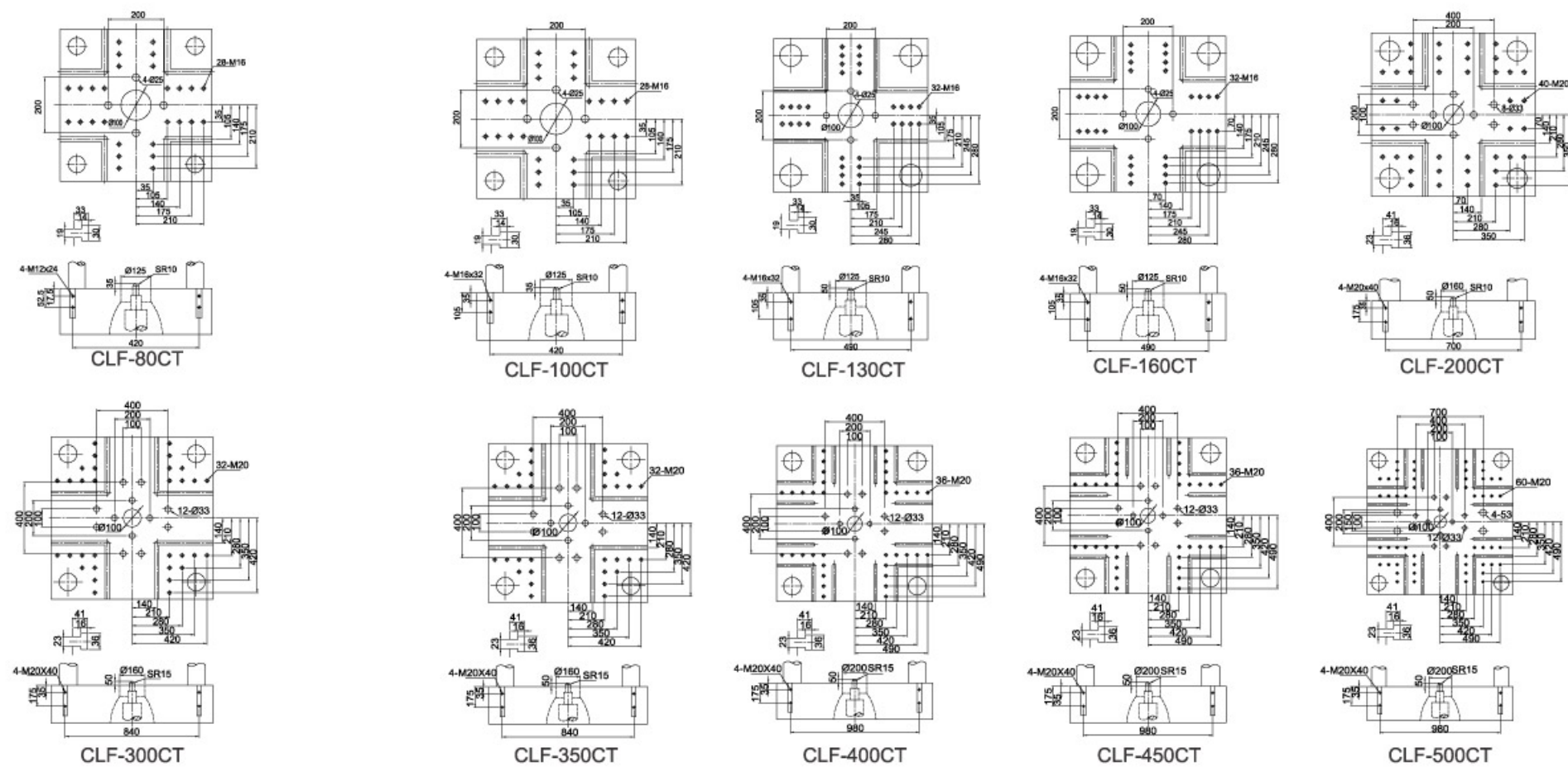


## 功能配置表 ACCESSORIES LIST

锁模部份 Clamping Unit	标准配备 Std. Accessory	选购配备 Opt. Accessory	射出部份 Injection Unit	标准配备 Std. Accessory	选购配备 Opt. Accessory
T型槽模板 Mol Platen with T-Slots	√		标准螺杆 Standard screw	√	
螺钉孔模板 Mold platen with screw holes		√	特殊螺杆 Special screw		√
高刚性五点式曲肘锁模机构 High rigidity five-point toggle mechanism	√		封闭式射嘴 Close type injection nozzle		√
机械、油压、电气三重保护 Machine, hydraulic and electric protection	√		双缸射出机构 Dual-cylinder injection unit	√	
油压马达调模机构 Mold adjustment with hydraulic motor	√		双缸动作射座 Dual-cylinder actuated injection unit	√	
自动调模功能 Automatic mold adjustment function	√		射座电位尺 Transducer for injection unit	√	
开关模电位尺控制 Transducer control for mold open / close	√		螺杆转速显示 Screw speed display	√	
托模电位尺控制 Transducer control for mold ejection	√		油压马达送料 Material charge by hydraulic motor	√	
自动集中润滑系统 Automatic centralized lubrication system	√		送料背压比例控制 Proportional control for charge back pressure	√	
调整式动模板支撑装置 Adjustment type moving platen support	√		进料口温度控制 Material infeed temperature control		√
动模板耐磨钢带 Wear-resistant steel band for moving platen	√		射嘴射出保护装置 Injection nozzle protection guard	√	
自动安全门 Auto safety door		√	料管绝热护板 Barrel heat isolation cover	√	
欧规机械手安装螺孔 Robot installation holes complied with European standard	√		射座集中润滑系统 Centralized lubrication system for injection unit	√	
动模板机械定位装置 Machine positioning device for moving platen		√	射座自动润滑系统 Automatic lubrication for injection unit		√
模具吊模架 Mold lifting bracket		√	云母式电热圈 Mica type electric heater coil	√	
特殊加宽安全门 Special extra wide safety door		√	陶瓷式电热圈 Ceramic type electric heater coil		√
一组水路分布器 One set of water circuit distributor	√		手动式螺杆移动式料斗座 Manual screw moving loader base		√
二组以上水路分布器 Two more sets of water circuit distributor		√	气体辅助射出接口 Gas assisted injection port		√
快速接头分布器 Quick connector distributor		√	干燥机 Hopper dryer		√
风压托模(2组) Air ejector	√		不锈钢料斗 Stainless steel hopper loader	√	
玻璃管冷却流量计 Glass tube coolant flow meter		√			
调模自锁阀 Self-lock valve for mold adjustment	√				
油压部份 Hydraulic System	标准配备 Std. Accessory	选购配备 Opt. Accessory	附属配备部份 Ancillary Accessory	标准配备 Std. Accessory	选购配备 Opt. Accessory
伺服驱动油泵 Servo driven hydraulic pump	√		标准配色 Standard painting color	√	
变量泵 Variable displacement pump		√	特殊颜色 Special painting color		√
定量泵 Constant displacement pump		√	防震器 Anti-vibration mount	√	
加大油泵马达容量 Increased pump motor capacity		√	基础钢板螺栓 Foundation plates and bolts		√
蓄压器(ACC)快速射出 Accumulator for fast injection		√	加长射嘴 Increase length of nozzle	√	
射出伺服阀 Servo valve for injection		√	工具箱 Tool box	√	
油位警报 Oil level alarm	√		夹模组 Mold clamps	√	
外部滤油器 External oil filter	√		备件 Spare parts	√	
外部冷却水控制阀 External cooling water control valve		√	操作说明书 Operation manual	√	
2组中子(动模) 2 sets of core(moving platen)	√		机台加高 Increase height of machine		√
3组中子(动模2组、静模1组) 3 sets of core(2 sets for moving platen, 1 set for stationary platen)		√	料斗磁铁 Magnet of hopper loader		√
4组中子(动模2组、静模2组) 4 sets of core(2 sets for moving platen, One set for stationary platen)		√	吸料机 Auto loader		√
快速关模(差动) Rapid mold close (differential motion)	√		作业平台 Operation Platform		√
边开边托多回路(无有比例控制) Simultaneous mold open and ejection multi-circuit (without proportional control)		√	液压油 Hydraulic oil	√	
边开边托多回路(无有比例控制) Simultaneous mold open and material charge multi-circuit (without proportional control)		√	冷冻机 Chiller	√	
边开边托多回路(比例控制) Simultaneous mold open, ejection and material charge multi-circuit (proportional control)		√	模温机 Mold temperature control device	√	
开关模比例控制 Proportional control for mold open / close		√	除湿机 Dehumidifier		√
开关模闭回路控制 Closed loop control for mold open / close		√			
托模闭回路控制 Closed loop control for mold ejection		√			



## 規格表 SPECIFICATIONS



机 型 MACHINE MODEL		CLF-80CT	CLF-100CT	CLF-130CT	CLF-160CT	CLF-200CT	CLF-250CT	CLF-300CT	CLF-350CT	CLF-400CT	CLF-450CT	CLF-500CT																						
国际编号 INTERNATIONAL CODE		800H-225	1000H-380	1300H-510	1600H-610	2000H-850	2500H-1120	3000H-1525	3500H-1925	4000H-2600	4500H-3250	5000H-3900																						
射出部份 INJECTION UNIT	单位 UNIT																																	
螺杆直径 Screw diameter	mm	28	32	35	35	38	42	38	42	45	42	45	50	45	50	55	50	55	60	55	60	65	60	65	70	65	70	75	70	75	80	75	80	85
理论射出容积 Theoretical injection volume	cm <sup>3</sup>	89	116	139	164	193	236	215	263	302	284	326	403	350	432	523	491	594	707	653	778	913	834	979	1135	1145	1328	1524	1501	1723	1960	1767	2011	2270
射出压力 Injection pressure	kg/cm <sup>2</sup>	2561	1961	1639	2324	1971	1613	2373	1943	1692	2170	1891	1532	2426	1965	1624	2284	1887	1587	2336	1963	1672	2308	1966	1696	2262	1951	1699	2163	1884	1656	2208	1941	1719
射出率 Injection rate	cm <sup>3</sup> /sec	57	75	90	95	112	137	114	140	160	125	143	177	140	173	209	186	225	267	223	265	311	225	264	307	270	313	359	353	405	464	384	437	493
射出量 (PS) Shot weight	gram	81	106	126	149	175	214	196	240	275	258	297	366	318	393	476	447	541	643	595	708	830	759	891	1033	1042	1208	1387	1366	1568	1784	1608	1830	2066
螺杆转速 Screw rotation speed	rpm	217		225			237			208			198			195			202			163			166			197			157			
喷嘴球半径 Nozzle radius	mm	10		10			10			10			10			15			15			15			15			15						
电热段数 No. of heating zones	zone	4		4			4			4			5			5			5			5			5			5						
电热容量 Heating capacity	kw	5.4		6.6			9.5			10.4			12.8			15.9			19.2			24.7			26.4			31.5			37			
锁模单元 CLAMPING UNIT																																		
柱内距离 Distance between tie bars	mm	320x320		360x360			420x420			470x470			530x530			580x580			630x630			680x680			730x730			780x780			820x820			
模板尺寸 Mold platen sizes	mm	485x485		530x530			620x620			700x700			800x800			860x860			940x940			1005x1005			1070x1070			1150x1150			1205x1205			
模具厚度 Mold thickness	mm	120-330		150-380			160-460			200-530			220-560			250-600			250-650			280-700			280-750			300-780			320-800			
开模行程 Mold opening stroke	mm	330		360			430			480			540			550			650			690			750			800			840			
锁模力 Clamping force	ton(kn)	80(800)		100(1000)			130(1300)			160(1600)			200(2000)			250(2500)			300(3000)			350(3500)			400(4000)			450(4500)			500(5000)			
定位环直径 Dia. Of positioning ring	mm	125		125			125			125			160			160			160			160			200			200			200			
顶出行程 Ejector stroke	mm	80		120			120			150			150			160			160			160			200			200			200			
顶出力 Ejecting force	ton(kn)	2.8(28)		3.4(34)			3.4(34)			3.4(34)			6.7(67)			6.7(67)			6.7(67)			6.7(67)			12.4(124)			12.4(124)			12.4(124)			
一般资料 GENERAL DATA																																		
马达出力 Pump driving motor	kw	9		13			16			16			20			25			31			31			36			45			50			
油箱容积 Oil tank capacity	liter	200		250			300			350			400			550			700			750			800			850			850			
机械尺寸 Machine sizes	m(LxWxH)	3.7x1.12x1.7		4.1x1.2x1.75			4.5x1.28x1.83			4.9x1.4x1.92			5.4x1.52x2.03			5.81x1.62x2.11			6.2x1.7x2.2			6.6x1.8x2.28			7.55x1.62x2.03			7.8x1.75x2.1			8.05x1.8x2.16			
机械净重 Machine sizes	ton	2.8		3.2			4.4			5.2			6.7			8.2			9.8			12			15.1			16.5			19			

• 若上述数据依实际需求而有所变更，恕不另行通知。

• To meet actual requirements of design, above values are subject to change without prior notice.