

DE 系列全电动注塑机
DE SERIES ALL-ELECTRIC INJECTION MOLDING MACHINE

泰瑞DE系列全电动注塑机是由泰瑞机器股份有限公司研制的一款针对于中国市场的全电动注塑机。源于日本的技术保证了DE系列全电动机器的高精度，高性能，结合泰瑞制造促成了DE系列全电动机实用，实惠。DE系列全电动注塑机集性能与价格双重优势，是一款可以为生产企业创造最佳价值的高端注塑机。

TEDERIC DE series all-electric IMM is developed by Tederic Machinery Co., Ltd., for Chinese market, Japanese technology ensures DE series all-electric IMM with high precision and performance; TEDERIC manufacturing contributes DE series all-electric IMM economical and affordable. With the advantages both in performance and price, DE series all-electric IMM is the high-grade one which can create the best value for all production enterprises.



DE 系列全电动注塑机应用领域
DE SERIES ALL-ELECTRIC INJECTION MOLDING MACHINE APPLICATION RANGE

高精度，高光学性产品、薄壁产品有洁净度要求的产品
For High precision, optical, thin-wall, cleanliness demand products.



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梦想系列全电式注射成型机

TEDERIC

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泰瑞机器 共塑梦想
TEDERIC MACHINERY MOLDING DREAMS



DE 系列全电动注塑机特点
THE FEATURES OF DE SERIES ALL-ELECTRIC INJECTION MOLDING MACHINE

- 超大拉杆内间距，为客户
提供更大的选择空间
Ultra-large tie-bar distance can
be suitable for more molds.
- 日本原装基恩士控制器，
能实现高速信号转换处理
Original Keyence controller from Japan
realizes high speed signal processing.
- 对角式平衡布置，
保证注射动作平稳精准
Diagonal balanced arrangement
ensures stable & accurate injection.
- 浮动式机铰，有效的
延长机铰的使用寿命
Floating pin prolongs its
service life effectively.
- 高刚性模板，模板经过有限元分析，保证
模板在长时间使用后不会发生变形
High rigidity platen with finite element analysis
ensures no deformation after years running.
- 各动作部件使用石墨铜套，增加
了零件润滑性，机器更清洁
Graphite copper bushes for each moving parts,
increasing self-lubricity and machine cleanliness.
- 一体式连杆，保证机铰各点的力传递更均匀，模具受力更均匀
Integral linkage rods ensure force transmission more uniform
at each toggle point, more uniform stress on the mold.

一体式连杆
Integral linkage rods

对角式平衡导向
Diagonal balanced guidance

浮动式机铰
Floating pin

DREAM-E 系列技术参数表
DREAM-E SERIES PARAMETER LIST

			Unit	D50E/100E			D50E/100EH			D100E/230E			D100E/230EH			D180E/530E			D180E/530EH		
				A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
注射装置 Injection Unit	螺杆直径	Screw Diameter	mm	22	25	28	22	25	28	30	34	36	30	34	36	40	45	50	40	45	50
	螺杆长径比	Screw L/D Ratio		22.7	20.0	17.9	22.7	20.0	17.9	22.7	20.0	18.9	22.7	20.0	18.9	22.5	20.0	18.0	22.5	20.0	18.0
	理论容量	Theoretical Shot Volume	cm ³	40	52	65	40	52	65	92	118	132	92	118	132	214	270	334	214	270	334
	注射重量 (PS)	Injection Weight (PS)	g	36	47	59	36	47	59	84	107	120	84	107	120	194	246	304	194	246	304
	注射压力	Injection Pressure	MPa	316.4	245.0	195.3	316.4	245.0	195.3	256.9	200.0	178.4	256.9	200.0	178.4	248.1	196.0	158.8	248.1	196.0	158.8
			kgf/cm ²	3220	2500	1990	3220	2500	1990	2620	2040	1810	2620	2040	1810	2530	2000	1620	2530	2000	1620
	保压压力	Hold Pressure	MPa	284.1	2200	175.4	284.1	2200	175.4	205.5	160.0	142.7	205.5	160.0	142.7	202.5	160.0	129.6	202.5	160.0	129.6
			kgf/cm ²	2890	2240	1780	2890	2240	1780	2100	1630	1450	2100	1630	1450	2070	1630	1320	2070	1630	1320
	对空注射速率	Injection Rate Into Air	cm ³ /s	57.0	73.6	92.4	114.0	147.3	184.7	106.0	136.2	152.7	212.1	272.4	305.4	188.5	238.6	294.5	314.2	397.6	490.9
	注射线速度	Injection Speed	mm/s		150			300			150			300			150			250	
	注射行程	Injection Stroke	mm		105			105			130			130			170			170	
合模装置 Clamping Unit	螺杆转速	Screw Rotation Speed	rpm		350			350			350			350			350			350	
	喷嘴接触力	Nozzle Contact Force	kN		15.7			15.7			19.2			19.2			29.4			29.4	
	电热功率	Heater Power	kW		4.9			4.9			7.4			7.4			11.5			11.5	
	合模力	Clamping Force	kN			500						1000						1800			
	移模行程	Clamping Stroke	mm			250						350						470			
	拉杆内距	Space Between Tie Bar	mm			310x310						410x410						560x560			
	最大模厚	Max. Mold Height	mm			300						420						520			
其他 Others	最小模厚	Min. Mold Height	mm			150						180						200			
	顶出行程	Eject Stroke	mm			60						85						110			
	顶出力	Eject Force	kN			19.6						29.4						39.2			
	模板尺寸	Platen Dimensions	mm			450x450						590x585						750x745			
	料斗容积	Hopper Capacity	L			15						25						25			
	机器重量	Weight	t			2.6						4.1						7.3			

因设计更新,以上参数如有改动,恕不另行通知。以上为配置伺服系统时的参数,配置其他形式动力,参数将略有不同,详情请洽泰瑞公司。
Due to continuous improvements,we reserve the right to amend any aspect of the above specifications without further notice.The above lists is for machine with servo motor system.
For machine with other motor system,the parameters may be a little different.Please check with TEDERIC for the details.