

用工业智能改变世界制造业

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with industrial intelligence



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全电动注塑机

Full Electric injection molding machine

为客户提供精密、稳定、智慧的高效生产解决方案

It provides customers with precise, stable and intelligent efficient production solutions

浙江德库玛机械有限公司

DAKUMAR MACHINERY CO., Ltd.

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COMPANY PROFILE

企业概况

西诺集团成立于2007年，致力于为世界提供智能注塑成型系统（注塑机、注塑模具、智能制造系统），是集软硬件的研发、生产、销售、服务于一体的组织。西诺已建立了覆盖全球的庞大销售网，海外代理点超30多个，并在德国建立了海外研发中心，旗下DKM品牌已成为世界著名的注塑机品牌。

Sino Group was founded in 2007, committed to providing the world with intelligent injection molding system (injection molding machine, injection mold, intelligent manufacturing system), is a collection of software and hardware research and development, production, sales and service in one organization. Sino has established a huge sales network covering the world, more than 30 overseas agents, and established an overseas research and development center in Germany. Its DKM brand has become a world-famous injection molding machine brand.



应用领域 Application Areas

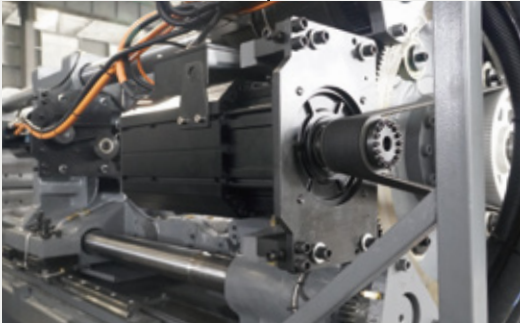
DKM全电动注塑机广泛应用于汽车、电子、医疗、包装等多个领域，适用于精密零件的生产，例如采血管、鲁尔针筒注射器等医疗产品以及光学镜片等高透产品，满足不同行业的需求。

DKM Full Electric injection molding machine is widely used in automotive, electronics, medical, packaging, and other fields, suitable for the production of precision parts, such as medical products like blood collection tubes, luer syringes, etc. and high-transparency products like optical lenses, to meet the needs of different industries.

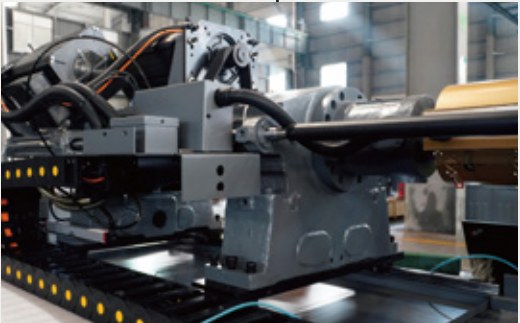




锁模 Mode-locking



电气控制 Electrical control



射台 Shooting platform

结构Structure

01

整机
Entire structure

整机采用模块化设计，既能确保性能，又可根据需求实现灵活多变的组织形式，适应更多的生产场景。

The entire structure features a modular design that ensures high performance and can be organized flexibly based on demands, allowing it to adapt to a wider range of production scenarios.

02

射台
Injection unit

- 射台采用直列式单丝杠设计，主要零件使用精密的加工中心加工，确保丝杠在正确的状态下工作，无偏载，从而大大增加了滚珠丝杠的使用寿命。
- 射台整移及射胶均采用线性导轨支撑，随动性好，稳定性高。
- Injection unit adopts inline single-screw design, with key components processed by precision machining centers to ensure that the screw under the right working state without any eccentric load,thus greatly extending the service life of the ball screw.
- The injection unit’s movement and injection processes are both supported by linear guides, offering excellent responsiveness and high stability.

03

锁模
Mold clamping

- 高刚性的锁模机构，采用电脑优化的五铰斜排模式，既保证了锁模的刚性，还兼顾了开模空间。
- 可媲美直压式注塑机的动模板设计，确保模板中心施压，在注射成型过程中更易于保护模具，延长模具的寿命。
- 锁模力稳定，冲击小，开模位置重复性好。
- 顶出位置准确，便于机械手取拿制品，易于实现自动化。
- The high-rigidity clamping mechanism adopts a computer-optimized five-point diagonal toggle design, ensuring clamping rigidity while accommodating sufficient mold-opening space.
- The moving platen design rivals that of direct-clamp injection molding machines, ensuring central pressure on the platen. This maintains balanced force on the molds and extends their lifespan.
- The clamping force is stable and the mold-opening position has good repeatability.
- The ejection position is precise, which is convenient for the robot to take out the products and easy to realize automation.

04

电气控制
Electrical control

- 配置弘讯SANDAL II全电动专用控制电脑，采用NET及CAN通讯。15吋高清电脑显示屏，其拥有良好的人机界面。
- 系统、电机及驱动弘讯集成，有利于各轴的通信，确保系统的稳定性。
- Equipped with Techmation SANDAL II all-electric specialized control computer, using NET and CAN communication. It provides a good man-machine interface with its 15-inch high-definition computer display.
- The electric system, motor and drive are integrated by Techmation, facilitating communication between axes and ensuring whole system stability.

优势Advantages



节能高效 Energy efficient

能量利用率高:全电动注塑机由伺服电机直接驱动，能量转换效率可达95%以上，远高于传统液压系统的30-50%。

无需液压油:全电动注塑机不使用液压油，减少了液压油的购买、维护和处理成本，同时也避免了液压油泄漏带来的环境污染。

High energy efficiency: The all-electric injection molding machine is directly driven by the servo motor, and the energy conversion efficiency can reach more than 95%, which is much higher than the 30-50% of the traditional hydraulic system.

No hydraulic oil: The all-electric injection molding machine does not use hydraulic oil, which reduces the cost of hydraulic oil and is cleaner in the production, avoiding the environmental pollution caused by hydraulic oil leakage.

精密控制 Precise control

高定位精度：全电动注塑机的伺服电机和精密控制系统可以实现高达 0.01mm 级别的定位精度，确保注塑产品的精确度和一致性。

稳定性：不受油温变化影响，注射性能稳定，保证产品质量。

High positioning accuracy: The servo motor and precision control system of the all-electric injection molding machine can achieve positioning accuracy of 0.01mm to ensure the accuracy and consistency of the injection molding products.

Stability: The whole production process via the all-electric machine will not be affected by oil temperature changes. Its stable injection performance can ensure high quality of the products.

高速响应 Fast response

快速响应：伺服电机的快速响应时间（10毫秒级）比液压系统的响应时间（100毫秒级）快得多，缩短了成型周期，提高了生产效率。

Fast response: The servo motor has a fast response time of 10 ms, which is significantly quicker than the hydraulic system's response time of 100 ms. This faster response greatly shortens the molding cycle and enhances production efficiency.

COMPARISON

CONCLUSION

结论

友商对比

Comparison between DKM and other competitors

说明 DESCRIPTION	单位 UNIT	DKM-180FE	Competitor Machine
注射压力 Injection Pressure	Mpa	231	197
理论注射容积 Max. Shot Volume	cm ³	350	333
射胶速度 Injection Speed	mm/s	300	250
电热功率 Heater Power	kW	13.5	20.2
机器重量 Machine Weight	t	8.3	9.2

- 高注射压力搭配高注射容积，无论是生产小体积 / 重量的塑件，还是大体积 / 重量的产品，都同样使用，使用范围广。
- 较高的注射速度能够缩短成型周期，大幅度提高车间的生产效率。
- 适合生产高精密、高附加值的塑件，提升单位时间产能效益

- High injection pressure combined with a large injection volume allows for the production of both small-volume/weight plastic parts and large-volume/weight products, making it widely applicable across various production scopes.
- Higher injection speed can shorten the molding cycle, significantly improving the production efficiency of the workshop.
- It is suitable for the production of high-precision, high-value-added plastic parts, thereby enhancing the output efficiency per unit of time.

传统机对比

Comparison between DKM FE series and SV traditional hydraulic series

说明 DESCRIPTION	单位 UNIT	DKM-180FE	DKM-180SV
注射压力 Injection Pressure	MPa	231	214
理论注射容积 Max. Shot volume	cm ³	350	312
螺杆转速 Max. Screw speed	rpm	300	200

- 高注射压力，更适合薄壁、结构复杂或者高精度产品的制造。
- 高螺杆转速，缩短塑化时间，助力塑化效率。

- High injection pressure is more suitable for projects of thin wall, complex structure or high precision products.
- High screw rotation speed shortens the plasticization time, enhancing plasticization efficiency.

全电动注塑机在节能、效率、精度、清洁生产、维护成本和环保等方面具有明显优势，为客户提供精密、稳定、智慧的高效生产解决方案，是现代制造业向智能化、绿色化转型的理想选择。全电注塑机易于实现自动化和智能化，与现代工业4.0的发展趋势相契合，有利于实现无人化黑灯工厂，提高生产效率和灵活性。随着技术的进步和成本的降低，全电动注塑机的市场前景广阔。

Full Electric injection molding machines have significant advantages in energy efficiency, performance, precision, clean production, maintenance cost and environmental sustainability. They provide customers with precise, stable and intelligent solutions for efficient production, making them an ideal choice for the transition of modern manufacturing towards smart and eco-friendly practices. The all-electric injection molding machines are easy to realize automation and intelligence, which is in line with the development trend of modern industry 4.0. This facilitates the implementation of unmanned operations, enhancing production efficiency and flexibility. With technological advancements and decreasing costs, the market potential for all-electric injection molding machines is extensive.

系列参数 Series Parameters

90FE

☒ E165-30 ☒ E185-30

说明	DESCRIPTION		90FE					
注塑单元	INJECTION UNIT		E165-30			E185-30		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	22	26	30	26	30	35
螺杆行程	Screw Stroke	mm	100	120	120	135	140	140
螺杆长径比L/D	Screw L/D Ratio		22	22	22	22	22	20
注射压力	Injection Pressure	Mpa	320	250	195	270	205	150
理论注射容积	Max. Shot Volume	cm³	38	64	85	72	99	135
理论射胶量(PS)	Max. Shot Weight(PS)	g	34	57	76	65	89	121
射胶速率	Injection Rate	cm³/sec	133	159	212	159	212	289
射胶速度	Injection Speed	mm/s	350	300	300	300	300	300
螺杆转速	Max. Screw Speed	rpm	400	400	400	400	400	400
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	900					
开模行程	Opening Stroke	mm	360					
四柱内距	Space Between Bars	mm×mm	420×420					
最大模厚	Max.mold Height	mm	510					
最小模厚	Min.mold Height	mm	150					
顶针行程	Ejector Stroke	mm	100					
顶针力	Ejector Force	kN	24.5					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	37.5			48		
电热功率	Heater Power	kW	5	6	7.6	6	7.6	8
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	10					
系统压力	Hydraulic System Pressure	Mpa	16					
油箱容量	Oil Tank Capacity	L	50					
机器重量	Machine Weight	Ton	4.2					
外形尺寸	Machine Dimension(L*W*H)	m	4.3*1.4*1.85					

系列参数 Series Parameters

130FE

☒ E165-30 ☒ E185-30 ☒ E320-30

说明	DESCRIPTION		130FE								
注塑单元	INJECTION UNIT		E165-30			E185-30			E320-30		
螺杆型号	Screw Model		A	B	C	A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	22	26	30	26	30	35	30	35	40
螺杆行程	Screw Stroke	mm	100	120	120	135	140	140	160	160	160
螺杆长径比L/D	Screw L/D Ratio		22	22	22	22	22	20	23.3	20	20
注射压力	Injection Pressure	Mpa	320	250	195	270	205	150	270	200	153
理论注射容积	Max. Shot Volume	cm³	38.01	63.71	84.82	71.68	98.96	134.7	113	154	201
理论射胶量(PS)	Max. Shot Weight(PS)	g	34.21	57.34	76.34	64.51	89.06	121.2	102	139	181
射胶速率	Injection Rate	cm³/sec	133	159.3	212.1	159.3	212.1	288.6	212	289	377
射胶速度	Injection Speed	mm/s	350	300	300	300	300	300	300	300	300
螺杆转速	Max. Screw Speed	rpm	400	400	400	400	400	400	350	350	350
锁模单元	CLAMPING UNIT										
锁模力	Clamping Force	kN	1300								
开模行程	Opening Stroke	mm	400								
四柱内距	Space Between Bars	mm×mm	510×510								
最大模厚	Max.mold Height	mm	550								
最小模厚	Min.mold Height	mm	150								
顶针行程	Ejector Stroke	mm	100								
顶针力	Ejector Force	kN	35								
动力/电热	POWER UNIT										
电机功率	Motor Power	kW	37.5			48			40		
电热功率	Heater Power	kW	5	6	7.6	6	7.6	8	7.3	7.3	7.5
其他	GENERAL										
液压电机功率	Hydraulic Motor Power	kW	10								
系统压力	Hydraulic System Pressure	Mpa	16								
油箱容量	Oil Tank Capacity	L	50								
机器重量	Machine Weight	Ton	5			5.1			5.3		
外形尺寸	Machine Dimension(L*W*H)	m	4.6*1.55*1.95			4.6*1.55*1.95			4.7*1.55*1.95		

系列参数 Series Parameters

180FE

☒ E320-30 ☒ E452-30 ☒ E635-30 ☒ E800-30

说明	DESCRIPTION		180FE					
注塑单元	INJECTION UNIT		E320-30			E452-30		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	30	35	40	35	40	45
螺杆行程	Screw Stroke	mm	160	160	160	180	180	180
螺杆长径比L/D	Screw L/D Ratio		23.3	20	20	22.8	20	20
注射压力	Injection Pressure	Mpa	270	200	153	261	200	158
理论注射容积	Max. Shot Volume	cm³	113	154	201	173	226	286
理论射胶量(PS)	Max. Shot Weight(PS)	g	102	139	181	156	204	258
射胶速率	Injection Rate	cm³/sec	212	289	377	289	377	477
射胶速度	Injection Speed	mm/s	300	300	300	300	300	300
螺杆转速	Max. Screw Speed	rpm	350	350	350	350	350	350
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	1800					
开模行程	Opening Stroke	mm	470					
四柱内距	Space Between Bars	mm×mm	570×520					
最大模厚	Max.mold Height	mm	600					
最小模厚	Min.mold Height	mm	200					
顶针行程	Ejector Stroke	mm	120					
顶针力	Ejector Force	kN	39					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	50			55		
电热功率	Heater Power	kW	7.3	7.3	7.5	8.9	8.9	9.3
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	10					
系统压力	Hydraulic System Pressure	Mpa	16					
油箱容量	Oil Tank Capacity	L	80					
机器重量	Machine Weight	Ton	8			8.1		
外形尺寸	Machine Dimension(L*W*H)	m	5.7*1.52*1.95			5.7*1.52*1.95		

系列参数 Series Parameters

180FE

☒ E320-30 ☒ E452-30 ☒ E635-30 ☒ E800-30

说明	DESCRIPTION		180FE					
注塑单元	INJECTION UNIT		E635-30			E800-30		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	40	45	50	45	50	55
螺杆行程	Screw Stroke	mm	200	200	200	220	220	220
螺杆长径比L/D	Screw L/D Ratio		22.5	20	20	22.2	20	20
注射压力	Injection Pressure	Mpa	253	200	162	231	187	155
理论注射容积	Max. Shot Volume	cm³	251	318	393	350	432	523
理论射胶量(PS)	Max. Shot Weight(PS)	g	226	286	353	315	389	470
射胶速率	Injection Rate	cm³/sec	377	477	589	477	589	713
射胶速度	Injection Speed	mm/s	300	300	300	300	300	300
螺杆转速	Max. Screw Speed	rpm	300	300	300	300	300	300
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	1800					
开模行程	Opening Stroke	mm	470					
四柱内距	Space Between Bars	mm×mm	570×520					
最大模厚	Max.mold Height	mm	600					
最小模厚	Min.mold Height	mm	200					
顶针行程	Ejector Stroke	mm	120					
顶针力	Ejector Force	kN	39					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	68			75		
电热功率	Heater Power	kW	10.2	11	12	13.5	15	16.6
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	10					
系统压力	Hydraulic System Pressure	Mpa	16					
油箱容量	Oil Tank Capacity	L	80					
机器重量	Machine Weight	Ton	8.2			8.3		
外形尺寸	Machine Dimension(L*W*H)	m	5.8*1.53*1.95			5.9*1.53*1.95		

系列参数 Series Parameters

230FE

☒E635-30 ☒E800-30 ☒E1050-30 ☒E1350-30

说明	DESCRIPTION		230FE					
注塑单元	INJECTION UNIT		E635-30			E800-30		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	40	45	50	45	50	55
螺杆行程	Screw Stroke	mm	200	200	200	220	220	220
螺杆长径比L/D	Screw L/D Ratio		22.5	20	20	22.2	20	20
注射压力	Injection Pressure	Mpa	253	200	162	231	187	155
理论注射容积	Max. Shot Volume	cm³	251	318	393	350	432	523
理论射胶量(PS)	Max. Shot Weight(PS)	g	226	286	353	315	389	470
射胶速率	Injection Rate	cm³/sec	377	477	589	477	589	713
射胶速度	Injection Speed	mm/s	300	300	300	300	300	300
螺杆转速	Max. Screw Speed	rpm	300	300	300	300	300	300
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	2300					
开模行程	Opening Stroke	mm	560					
四柱内距	Space Between Bars	mm×mm	620×620					
最大模厚	Max.mold Height	mm	680					
最小模厚	Min.mold Height	mm	230					
顶针行程	Ejector Stroke	mm	150					
顶针力	Ejector Force	kN	50					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	68			85		
电热功率	Heater Power	kW	10.2	11	12	13.5	15	16.6
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	15					
系统压力	Hydraulic System Pressure	Mpa	17.5					
油箱容量	Oil Tank Capacity	L	80					
机器重量	Machine Weight	Ton	11.8			12		
外形尺寸	Machine Dimension(L*W*H)	m	6.5*1.85*2.4			6.75*1.85*2.4		

系列参数 Series Parameters

230FE

☒E635-30 ☒E800-30 ☒E1050-30 ☒E1350-30

说明	DESCRIPTION		230FE					
注塑单元	INJECTION UNIT		E1050-30			E1350-30		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	50	55	60	55	60	65
螺杆行程	Screw Stroke	mm	235	235	235	265	265	265
螺杆长径比L/D	Screw L/D Ratio		22	20	20	22	20	20
注射压力	Injection Pressure	Mpa	216	180	151	214	180	153
理论注射容积	Max. Shot Volume	cm³	461	558	664	630	749	879
理论射胶量(PS)	Max. Shot Weight(PS)	g	415	502	598	567	674	791
射胶速率	Injection Rate	cm³/sec	589	713	848	713	848	995
射胶速度	Injection Speed	mm/s	300	300	300	300	300	300
螺杆转速	Max. Screw Speed	rpm	300	300	300	300	300	300
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	2300					
开模行程	Opening Stroke	mm	560					
四柱内距	Space Between Bars	mm×mm	620×620					
最大模厚	Max.mold Height	mm	680					
最小模厚	Min.mold Height	mm	230					
顶针行程	Ejector Stroke	mm	150					
顶针力	Ejector Force	kN	50					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	115			123		
电热功率	Heater Power	kW	15	16.5	16.7	18		
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	15					
系统压力	Hydraulic System Pressure	Mpa	17.5					
油箱容量	Oil Tank Capacity	L	80					
机器重量	Machine Weight	Ton	12.2			12.5		
外形尺寸	Machine Dimension(L*W*H)	m	6.9*1.85*2.4			7.1*1.9*2.4		

系列参数 Series Parameters

300FE

☒E800-30 ☒E1000-30 ☒E1350-30 ☒E1735-25

说明	DESCRIPTION		300FE					
注塑单元	INJECTION UNIT		E800-30			E1000-30		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	45	50	55	50	55	60
螺杆行程	Screw Stroke	mm	220	220	220	235	235	235
螺杆长径比L/D	Screw L/D Ratio		22.3	20	20	22	20	20
注射压力	Injection Pressure	Mpa	231	187	155	216	180	151
理论注射容积	Max. Shot Volume	cm³	350	432	523	461	558	664
理论射胶量(PS)	Max. Shot Weight(PS)	g	315	389	470	415	502	598
射胶速率	Injection Rate	cm³/sec	477	589	713	589	713	848
射胶速度	Injection Speed	mm/s	300	300	300	300	300	300
螺杆转速	Max. Screw Speed	rpm	300	300	300	300	300	300
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	3000					
开模行程	Opening Stroke	mm	610					
四柱内距	Space Between Bars	mm×mm	730×730					
最大模厚	Max.mold Height	mm	730					
最小模厚	Min.mold Height	mm	280					
顶针行程	Ejector Stroke	mm	150					
顶针力	Ejector Force	kN	60					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	85			115		
电热功率	Heater Power	kW	13.5	15	16.6	15		16.5
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	15					
系统压力	Hydraulic System Pressure	Mpa	17.5					
油箱容量	Oil Tank Capacity	L	100					
机器重量	Machine Weight	Ton	14			14.2		
外形尺寸	Machine Dimension(L*W*H)	m	7.3*2.2*2.5			7.4*2.2*2.5		

系列参数 Series Parameters

300FE

☒E800-30 ☒E1000-30 ☒E1350-30 ☒E1735-25

说明	DESCRIPTION		300FE					
注塑单元	INJECTION UNIT		E1350-30			E1735-25		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	55	60	65	60	65	70
螺杆行程	Screw Stroke	mm	265	265	265	290	290	290
螺杆长径比L/D	Screw L/D Ratio		22	20	20	21.7	20	20
注射压力	Injection Pressure	Mpa	214	180	153	211.2	180	155
理论注射容积	Max. Shot Volume	cm³	630	749	879	820	962	1116
理论射胶量(PS)	Max. Shot Weight(PS)	g	567	674	791	738	866	1004
射胶速率	Injection Rate	cm³/sec	713	848	995	707	830	962
射胶速度	Injection Speed	mm/s	300	300	300	250	250	250
螺杆转速	Max. Screw Speed	rpm	300	300	300	250	250	250
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	3000					
开模行程	Opening Stroke	mm	610					
四柱内距	Space Between Bars	mm×mm	730×730					
最大模厚	Max.mold Height	mm	730					
最小模厚	Min.mold Height	mm	280					
顶针行程	Ejector Stroke	mm	150					
顶针力	Ejector Force	kN	60					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	123			126		
电热功率	Heater Power	kW	16.7	18		23.5		
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	15					
系统压力	Hydraulic System Pressure	Mpa	17.5					
油箱容量	Oil Tank Capacity	L	100					
机器重量	Machine Weight	Ton	15			15.5		
外形尺寸	Machine Dimension(L*W*H)	m	7.5*2.2*2.5			7.6*2.2*2.5		

系列参数 Series Parameters

380FE

☑E1000-30 ☑E1350-30 ☑E1735-25 ☑E2200-25

说明	DESCRIPTION		380FE					
注塑单元	INJECTION UNIT		E1000-30			E1350-30		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	50	55	60	55	60	65
螺杆行程	Screw Stroke	mm	235	235	235	265	265	265
螺杆长径比L/D	Screw L/D Ratio		22	20	20	22	20	20
注射压力	Injection Pressure	Mpa	216	180	151	214	180	153
理论注射容积	Max. Shot Volume	cm³	461	558	664	630	749	879
理论射胶量(PS)	Max. Shot Weight(PS)	g	415	502	598	567	674	791
射胶速率	Injection Rate	cm³/sec	589	713	848	713	848	995
射胶速度	Injection Speed	mm/s	300	300	300	300	300	300
螺杆转速	Max. Screw Speed	rpm	300	300	300	300	300	300
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	3800					
开模行程	Opening Stroke	mm	720					
四柱内距	Space Between Bars	mm×mm	830×830					
最大模厚	Max.mold Height	mm	750					
最小模厚	Min.mold Height	mm	300					
顶针行程	Ejector Stroke	mm	160					
顶针力	Ejector Force	kN	60					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	115			123		
电热功率	Heater Power	kW	15	16.5		16.7	18	
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	15					
系统压力	Hydraulic System Pressure	Mpa	17.5					
油箱容量	Oil Tank Capacity	L	100					
机器重量	Machine Weight	Ton	17			17.2		
外形尺寸	Machine Dimension(L*W*H)	m	7.8*2.2*2.5			7.9*2.2*2.5		

系列参数 Series Parameters

380FE

☑E1000-30 ☑E1350-30 ☑E1735-25 ☑E2200-25

说明	DESCRIPTION		380FE					
注塑单元	INJECTION UNIT		E1735-25			E2200-25		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	60	65	70	65	70	75
螺杆行程	Screw Stroke	mm	290	290	290	315	315	315
螺杆长径比L/D	Screw L/D Ratio		21.7	20	20	21.6	20	20
注射压力	Injection Pressure	Mpa	211.2	180	155	209	180	157
理论注射容积	Max. Shot Volume	cm³	820	962	1116	1045	1212	1392
理论射胶量(PS)	Max. Shot Weight(PS)	g	738	866	1004	941	1091	1252
射胶速率	Injection Rate	cm³/sec	707	830	962	830	962	1104
射胶速度	Injection Speed	mm/s	250	250	250	250	250	250
螺杆转速	Max. Screw Speed	rpm	250	250	250	200	200	200
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	3800					
开模行程	Opening Stroke	mm	720					
四柱内距	Space Between Bars	mm×mm	830×830					
最大模厚	Max.mold Height	mm	750					
最小模厚	Min.mold Height	mm	300					
顶针行程	Ejector Stroke	mm	160					
顶针力	Ejector Force	kN	60					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	126			135		
电热功率	Heater Power	kW	23.5			30		
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	15					
系统压力	Hydraulic System Pressure	Mpa	17.5					
油箱容量	Oil Tank Capacity	L	100					
机器重量	Machine Weight	Ton	17.4			18.6		
外形尺寸	Machine Dimension(L*W*H)	m	8*2.2*2.5			7.9*2.2*2.5		

系列参数 Series Parameters

460FE

☑E1350-30 ☑E1735-25 ☑E2200-25 ☑E2700-25

说明	DESCRIPTION		460FE					
注塑单元	INJECTION UNIT		E1350-30			E1735-25		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	55	60	65	60	65	70
螺杆行程	Screw Stroke	mm	265	265	265	290	290	290
螺杆长径比L/D	Screw L/D Ratio		22	20	20	21.7	20	20
注射压力	Injection Pressure	Mpa	214	180	153	211.2	180	155
理论注射容积	Max. Shot Volume	cm³	630	749	879	820	962	1116
理论射胶量(PS)	Max. Shot Weight(PS)	g	567	674	791	738	866	1004
射胶速率	Injection Rate	cm³/sec	713	848	995	707	830	962
射胶速度	Injection Speed	mm/s	300	300	300	250	250	250
螺杆转速	Max. Screw Speed	rpm	300	300	300	250	250	250
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	4600					
开模行程	Opening Stroke	mm	820					
四柱内距	Space Between Bars	mm×mm	930×930					
最大模厚	Max.mold Height	mm	800					
最小模厚	Min.mold Height	mm	320					
顶针行程	Ejector Stroke	mm	180					
顶针力	Ejector Force	kN	100					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	123			126		
电热功率	Heater Power	kW	16.7	18		23.5		
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	15					
系统压力	Hydraulic System Pressure	Mpa	17.5					
油箱容量	Oil Tank Capacity	L	100					
机器重量	Machine Weight	Ton	22			22.5		
外形尺寸	Machine Dimension(L*W*H)	m	8.1*2.4*2.6			8.3*2.4*2.6		

系列参数 Series Parameters

460FE

☑E1350-30 ☑E1735-25 ☑E2200-25 ☑E2700-25

说明	DESCRIPTION		460FE					
注塑单元	INJECTION UNIT		E2200-25			E2700-25		
螺杆型号	Screw Model		A	B	C	A	B	C
螺杆直径	Screw Diameter	mm	65	70	75	70	75	80
螺杆行程	Screw Stroke	mm	315	315	315	340	340	340
螺杆长径比L/D	Screw L/D Ratio		21.6	20	20	22.14	20	20
注射压力	Injection Pressure	Mpa	209	180	157	207	180	158
理论注射容积	Max. Shot Volume	cm³	1045	1212	1392	1308	1502	1709
理论射胶量(PS)	Max. Shot Weight(PS)	g	941	1091	1252	1178	1352	1538
射胶速率	Injection Rate	cm³/sec	830	962	1104	770	884	1005
射胶速度	Injection Speed	mm/s	250	250	250	200	200	200
螺杆转速	Max. Screw Speed	rpm	200	200	200	160	160	160
锁模单元	CLAMPING UNIT							
锁模力	Clamping Force	kN	4600					
开模行程	Opening Stroke	mm	820					
四柱内距	Space Between Bars	mm×mm	930×930					
最大模厚	Max.mold Height	mm	800					
最小模厚	Min.mold Height	mm	320					
顶针行程	Ejector Stroke	mm	180					
顶针力	Ejector Force	kN	100					
动力/电热	POWER UNIT							
电机功率	Motor Power	kW	135			150		
电热功率	Heater Power	kW	30			36		
其他	GENERAL							
液压电机功率	Hydraulic Motor Power	kW	15					
系统压力	Hydraulic System Pressure	Mpa	17.5					
油箱容量	Oil Tank Capacity	L	100					
机器重量	Machine Weight	Ton	22.8			23.5		
外形尺寸	Machine Dimension(L*W*H)	m	8.4*2.4*2.6			8.5*2.4*2.6		