

Plastic Injection Molding Machine

This European-style plastic injection molding machine is well-suited for a wide range of applications. It is especially effective for auto parts and other precise industrial plastic parts production.



ADDITIONAL IMAGES



Overview



High-precision components including T-groove formwork and stable guide feet.

High-Performance Injection Molding

The K-series European style plastic injection molding machine is designed for precision and efficiency in high-volume manufacturing. Engineered for versatility, it is particularly well-suited for automotive parts and complex industrial plastic components. The system features advanced servo motor technology and high-quality electrical components to ensure consistent part quality, reduced cycle times, and energy-efficient operation.

Suitable Applications

Auto parts, Industrial plastic parts, Thermoplastic molding

Injection Unit

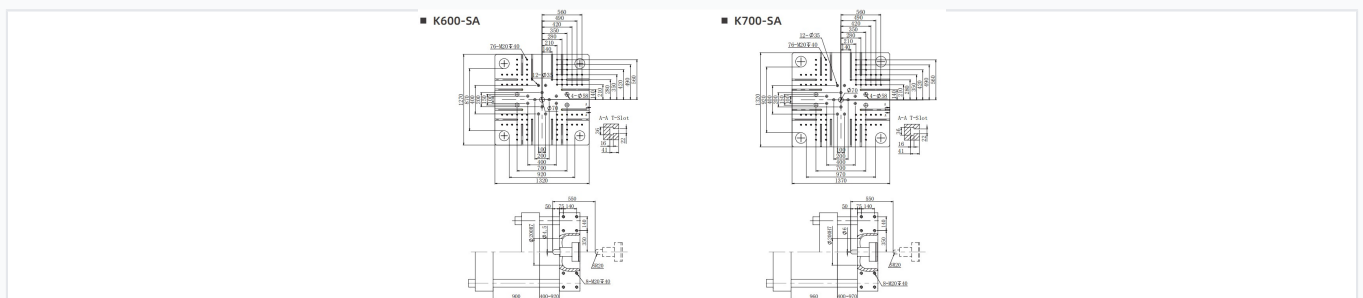
說明 / DESCRIPTION	UNIT	K600-SA				K700-SA			
		A	B	C	D	A	B	C	D
國際公制單位/INTERNATIONAL SIZE RATING		4000				5700			
螺絲直徑 Screw diameter	mm	85	80	85	100	90	95	100	110
螺絲柱長度 Screw L2 value	mm	23.3	22	20.8	19.8	23.2	22.0	19.8	19.0
螺絲柱螺距螺距 Screw pitch	mm	2.04	2.00	1.90	2.04	2.02	2.02	1.94	1.94
螺絲柱螺距螺距 (Shot weight/PS)	g	2324	2000	2063	2216	2750	2604	2763	4108
注射壓力 Injection pressure	Bar	1909	1700	183	138	1896	1702	1300	1289
注射速度 Injection rate	cm ³ /s	653	732	816	904	893	772	943	1035
塑化能力 Plasticizing capacity	g/s	73	120	100	115	79	110	120	120
螺絲最大轉速 Max screw speed	rpm	140				130			
塑化力 Clamping force	kN	6000				7000			
螺絲柱螺距螺距 Screw distance between	mm	520x420				670x500			
螺絲柱螺距螺距 Plate size	mm	1320x1270				1370x1320			
螺絲柱螺距螺距 Opening width	mm	900				900			
螺絲柱螺距螺距 Max. mold height	mm	400				400			
螺絲柱螺距螺距 Max. mold height	mm	100				100			
螺絲柱螺距螺距 Clamping distance (between/plate)	mm	1500				1500			
螺絲柱螺距螺距 Clamping stroke	mm	230				250			
螺絲柱螺距螺距 Open stroke	mm	160				160			
螺絲柱螺距螺距 Number of spacers	mm	17				17			
螺絲柱螺距螺距 Maximum pressure	Bar	175				175			
螺絲柱螺距螺距 Power source	kW	50x18				30x42			
螺絲柱螺距螺距 Heating capacity	kW	43.2				47.0			
螺絲柱螺距螺距 Machine capacity	mm	700				800			
螺絲柱螺距螺距 Machine dimension (LxWxH)	mm	9712x212x11				10312x212x15			
螺絲柱螺距螺距 Machine weight	t	27				33			
螺絲柱螺距螺距 Injection capacity	kg	160				190			

Detailed technical parameters for K600-SA and K700-SA models.

Injection Performance Comparison

Parameter	K600-SA	K700-SA
Max Screw Speed (r/min)	140	130
Injection Pressure (Bar)	1909-138	1896-1269
Plasticizing Capacity (g/s)	73-115	79-123

Clamping Unit



Dimensional layout and T-slot configuration drawings.

Clamping Force

6000 kN

K600-SA Force

7000 kN

K700-SA Force

Clamping Unit Specifications

- Five-point double machine hinge clamping
- Automatic mold adjusting device
- Low-pressure mold protection
- Hard chrome-plated alloy steel columns

General Specifications

Machine Dimensions (L x W x H) 9.7x2.2x3.1m (K600) / 10.3x2.25x3.5m (K700)

Machine Weight 27 t

Configuration & Features

Standard Features

PID Temperature Control • Linear Electronic Ruler • Automatic Lubrication • Servo Motor Drive

Optional Upgrades

- Energy storage device
- Hydraulic multi-core pulling system
- PVC fan device
- Cooling water flow meter and thermometer