



## Injection Unit

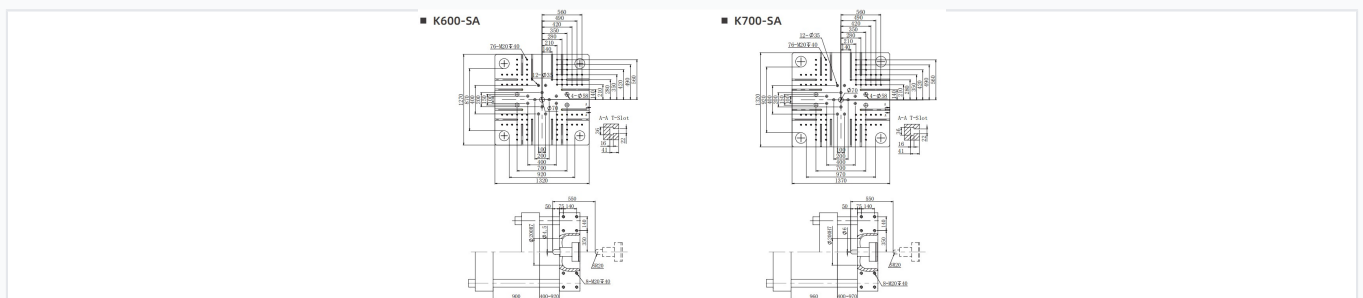
說明 / DESCRIPTION	UNIT	K600-SA				K700-SA			
		A	B	C	D	A	B	C	D
國際公制單位/INTERNATIONAL SIZE RATING		4000				5700			
螺絲直徑 Screw diameter	mm	85	80	65	100	90	95	100	110
螺絲柱長度 Screw L2 value	mm	23.3	22	20.8	19.8	23.2	22.0	19.8	19.0
螺絲柱螺距螺距 Screw pitch	mm	2.04	2.00	1.90	2.04	2.02	2.02	1.94	1.94
螺絲柱螺距螺距 (Shot weight/PS)	g	2324	2000	2063	3216	2750	3064	3743	4108
注射壓力 Injection pressure	Bar	1909	1700	153	138	1896	1702	1500	1389
注射速度 Injection rate	cm <sup>3</sup> /s	653	732	816	904	893	772	943	1035
塑化能力 Plasticizing capacity	g/h	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				6000			
螺絲柱螺距螺距 Screw-to-screw hole	mm	520x420				670x500			
螺絲柱螺距螺距 Plate size	mm	1320x1270				1370x1320			
螺絲柱螺距螺距 Clamping stroke	mm	190				190			
螺絲柱螺距螺距 Max. stroke height	mm	400				400			
螺絲柱螺距螺距 Max. stroke height	mm	100				100			
螺絲柱螺距螺距 Clamping distance (between points)	mm	1500				1500			
螺絲柱螺距螺距 Clamping stroke	mm	230				250			
螺絲柱螺距螺距 Clamping force	kN	160				160			
螺絲柱螺距螺距 Number of points	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	9712x2121x11				10312x2815x15			
螺絲柱螺距螺距 Machine weight	t	27				33			
螺絲柱螺距螺距 Injection capacity	kg	160				160			

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