

Sodick LA40 Injection Molding Machine

Basic Information	
Item	Specification
Manufacturer	Sodick Plustech Co., Ltd.
Model	LA40
Machine Type	Injection Moulding Machine
Year	August 2009
Condition	Good Working Condition
Total Shot Count	14,636,023 shots
Take-out Robot	Yushin (Included)
Power Supply	AC200 / 220V, 50/60Hz, 3 Phase

Clamping Unit	
Item	Specification
Clamping Force	392 kN (40 ton)
Clamping System	Direct Pressure Locking Type
Mold Moving System	AC Servo Motor Control
Tie Bar Distance	310 × 310 mm
Platen Size	440 × 440 mm
Max Daylight	550 mm
Mold Thickness	Min 150 mm / Max 360 mm
Mold Open / Close Force	6.8 / 13.6 kN

Ejector Unit	
Item	Specification
Ejector System	AC Servo Motor Control
Ejector Force	9.8 / 5.8 kN
Ejector Stroke	50 mm

Hydraulic & Motor System	
Item	Specification
Hydraulic Pump Motor Capacity	7 kW
Hydraulic Circuit Pressure	15 MPa
AC Servo Motor Capacity	2.9 kW
Heater Capacity	4.9 – 7.3 kW
Electric Capacity	48 kVA

Injection Unit				
Item	14 mm	18 mm	22 mm	25 mm
Injection System	Screw Pre-plasticizing			
Max Injection Pressure (MPa)	288	262	260	240
Theoretical Injection Volume (cm ³)	4.5	14	27	49
Injection Rate (cm ³ /s)	56	100	190	171
Plunger Stroke (mm)	40	70	70	100
Max Injection Speed (mm/s)	500	500	500	350
Plasticizing Capacity (kg/h)	4	7	14	16.5
Screw Rotation Speed (rpm)	400	400	400	250
Screw Torque (N·m)	59	98	147	202
Temperature Control Zones	5	5	5	6

Machine Size & Weight	
Item	Specification
Machine Dimensions	3150 × 940 × 1564 mm
Machine Weight	Approx. 2.5 ton

Control System	
Item	Specification
Controller	Sodick LA Series (IMC6A)
Display	12 inch Touch Panel
Interface	USB / RS232C
Registered Molding Conditions	Up to 200 programs
Input Languages	Japanese / English / Kana

Features

- High precision Sodick injection moulding machine
- AC servo motor controlled system
- Stable molding performance
- Suitable for precision plastic parts
- Take-out robot included

Notes

Specifications may vary depending on screw configuration.

