



FOCUS 60-SVP/2

Injection Molding Machine

The Focus 60 injection molding machine combines a fast-response gear pump with a high-precision servo drive that guarantees the highest response, highest precision and lowest power consumption at the same time.



INJECTION UNIT		Unit	A	B	C
Screw Diameter	Inches		0.98	1.1	1.22
	mm		25	28	31
Screw L/D ratio	L/D		22	20	18
Shot volume	In ³ (cm ³)		3.85 (63)	4.88 (80)	5.98 (98)
Shot size (PS)	Ounces		2.05	2.54	3.14
	Grams		58	72	89
Inj. Pressure (max)	PSI		29400	23500	19200
Inj. Rate	In ³ /sec		3.96	4.94	6.1
Screw Stroke	Inches (mm)			5.12 (130)	
Screw Rotation Speed (max)	RPM			240	
Nozzle Forward Force (max)	US-Tons			6.28	
Nozzle Stroke	Inches (mm)			7.87 (200)	
CLAMPING UNIT					
Clamping Force	US-Tons			66	
Open Stroke	Inches (mm)			10.63 (270)	
Space Between Tie bars	Inches (mm)		12.2 x 12.2 (310 x 310)		
Platen Size	Inches (mm)		17.72 x 17.72 (450 x 450)		
Mold Thickness (Min-Max)	Inches (mm)		3.93 x 12.99 (100 - 330)		
Maximum Daylight	Inches (mm)			23.62 (600)	
Ejector Force	Us-Tons			3.09	
Ejector Stroke	Inches (mm)			2.95 (75)	
Mold Register Hole	Inches (mm)			4 (101.6)	
POWER					
System Pressure	PSI (bar)			2146 (148)	
Motor Power	KW (HP)			11 (14.75)	
Electric Heating Power	KW			5.2	
Temperature Control Zones				3 + 1	
OTHER INFORMATION					
Machine Dimensions (L*W*H)	Inches			134 x 43 x 71	
	Meters			3.4 x 1.1 x 1.8	
Oil Tank Capacity	Gallon			34.34	
Machine Weight (Approx.)	Lbs			4409	

*Chen Hsong is committed to continuous improvement.
Specifications are based on current standard models and are subject to change.*

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STANDARD AND OPTIONAL FEATURES

CLAMPING UNIT	STANDARD	OPTIONAL	INJECTION UNIT	STANDARD	OPTIONAL
Automatic mold height adjust	●		Ceramic heater bands	●	
Hydraulic safety device	●		Nitrated screw and barrel	●	
Core puller on moving platen	2		Bi-metallic screw and barrel		●
Additional corepullers (up to 6 core pullers)		●	PET or PVC screw features		●
Airblow on fixed and moving platen	1 + 1	●	Adjustable backpressure	●	
Parallel core movement		●	Barrel shut-off nozzle		●
Parallel ejector movement		●	Hydraulic/pneumatic sequential injection (up to 12 valves)		●
Euromap 2 platen design*	●		Linear transducer on injection stroke	●	
Euromap 13 for core and ejector	●		Linear transducer on injection unit stroke	●	
Euromap 18 for robot mounting	●		Screw speed indicator	●	
Euromap 67 for robot communication	●		Controlled barrel cooling		●
Euromap 70 and 70.1		●	Barrel insulation		●
Larger maximum mold height		●	Central lubrication points	●	
Automatic lubrication on toggle	●		Parallel plasticizing		●
Automatic lubrication on mold height adjust		●			
Anti-skid plates on horizontal surfaces	●				
OTHERS			CONTROLLER B&R SmartMold88		
Up to 16 zones integrated hot runner System (Euromap 14 standard)		●	10.4" Full color TFT Display	●	
Power sockets 3-phase 480V 16A	2	●	Free programmable cores	●	
Waterflow regulators (more available upon request)	4 circuits	●	Sequence editor	●	
Hopper Slider	●		Two-step ejector movement	●	
			SPC with external saving possibility	●	
			OPC-UA		●
			Industry 4.0		●
			Euromap 63 communication protocol		●
			PID Barrel and hotrunner heating	●	
			Remote connection via VNC	●	
			USB Port	●	

