

Euro Servo R Series



Model		Euro R 110			Euro R 140			Euro R 180		
INJECTION UNIT	Size	1100-304			1400-475			1800-610		
SCREW TYPE	UNITS	A	B	C	A	B	C	A	B	C
Injection Capacity max.	Cc	154	200	254	226	286	352	318	392	475
Actual Shot Weight	gms	140	180	230	215	275	340	300	375	452
Injection Pressure Max.	Kg/cm2	2083	1650	1380	2150	1700	1350	2028	1650	1360
Screw Diameter	mm	35	40	45	40	45	50	45	50	55
Screw L/D Ratio		22	20	18	22	20	18	22	20	18
Screw Stroke	mm		160			180			200	
Screw speed/torque	rpm/kgm		300/75			230/80			200/95	
Nozzel Stroke	mm		300			325			350	
Nozzel Contact Force	Ton		3.7			3.7			3.7	
Temperature Control Zones			3+1			4+1			4+1	
Hopper Capacity	kg		20			30			40	
CLAMP UNIT										
Clamping Force	tons		110			140			180	
Clamping System	type		hydraulic			hydraulic			hydraulic	
Max. Clamp Stroke			425			450			550	
Max. Open Daylight	mm		625/725			650/750			800/900	
Locating ring	mm		120			120			120	
Min. mould thickness	mm		200			200/300			250/350	
Platen Size	mm		610x610			660x660			750x750	
Distance Between Tie Rods (HXV)	mm		410x410			460x460			520x520	
Tie Rod Diameter	mm		80			80			90	
Ejector Stroke Max.	mm		100			125			130	
Ejector Force	Ton		3.2			3.5			4.2	
GENERAL DATA										
Pump Motor Power	KW(hp)		15 (20)			20 (25)			22.5 (30)	
Total Load	KW		17.5			26			35	
Total Oil Capacity	Ltrs		300			350			400	
Machine Dimensions(LXWXH)	Mtr.		4.3x1.2x1.6			5.0x1.5x1.9			5.4x1.25x1.9	



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LONG LASTING,
LOW MAINTENANCE &
ENERGY EFFICIENT MACHINE



Hydraulic Clamping Injection moulding machine



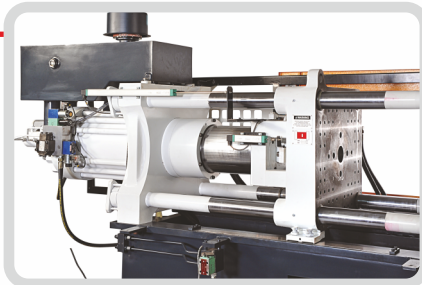
8.27"

8.27"



Euro Servo R Series

HYDRAULIC CLAMPING 110 TONS TO 180 TONS



1 Heavy Duty Clamping Unit

- Unique Prefill Cylinder Design
- Telescopic Piston design for fast clamping
- Large tie bar distance
- Better Day light
- Very Precise Mould safety

2 Injection Unit

Twin Cylinder Injection Unit

- Distributes the load equally across screw centreline
- Injection unit on Linear Guide & Roller skates
- Nitrided Screw & Barrel
- Variable Back Pressure Proportional Control
- Screw Driven by high torque radial Piston Motor

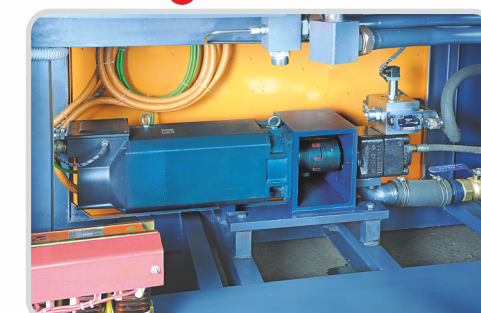


HMI

- B&R Smart Mould Plc.
- 10.2" Vertical TFT Colour Display
- Easily Programmable & User friendly
- Configure different level of passwords for different users
- Mould data storage
- Ethernet connection port for internet connectivity
- I/O diagnosis for Analog & digital
- High response time
- Login Key for data safety

Hydraulics Unit

- Energy efficient Servo driven Closed loop Circuit.
- Separate manifold for Injection & Clamping Unit
- Logic Cartridges incorporate for high response time.
- Ergonomic hydraulic layout for easy approach
- Proportional controlled Back pressure for Plasticisation.



11.18"