

Key Features

- provides secondary melt for multi-color applications in conjunction with main machine extruder
- can also be the sole extruder for a mold in a machine which has an incompatible injection unit switched off or compact clamp-only machine
- available in 4 sizes with 4 - 62 cc shot capacity
- ideal for cleanroom applications
- two servo motors for efficient, powerful and precise injection and recovery
- simple to operate and maintain
- compact, flexible and robust design allows for relocation to other machines



Manufactured by Mold Masters



14 mm unit



28 mm unit

Specifications

	E60 (standard)		E60X		E490 (standard)				E490X			
Screw Diameter (mm)	14	16	16	18	22	25	28	32	22	25	28	32
Injection Pressure (bar)	2000	1530	1530	1210	3240	2510	2000	1530	3240	2510	2000	1530
Injection Stroke (mm)	50		100		100				150			
Shot Volume (cc)	7.7	10.1	20.1	25.4	38.0	49.1	61.6	80.4	57.0	73.6	92.4	120.6
Screw Speed (rpm)	600		600		410				410			
Max. Injection Velocity (mm/s)	180		180		130				130			
Max. Injection Rate (cc/s)	28	36	36	46	49	64	80	105	49	64	80	105
Nozzle Touch Force (kN)	10		10		25				25			
Nozzle Protrusion (mm)	5		5		5				5			
Installed Power (kW)	12kVA		12kVA		47kVA				47kVA			
Length (mm)	1240		1340		1795				1945			
Width (mm)	390		390		490				490			
Height (mm)	400		400		510				510			
Weight (kg)	190		205		500				525			

- rigid frame design for vertical, horizontal and moving platen mounting
- flexible molding sequence selection between main injection and auxiliary injection with start or finish triggering
- closed loop barrel heat control
- easy maintenance access to all components
- 15" TFT XGA LCD touch screen with user friendly HMI
- standard euromap 67 or spi electrical interface No. an146



E590 - Stand



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