

▶ ALL ELECTRIC, MOLD MOUNTED, AUXILIARY INJECTION UNIT

KEY FEATURES

- provides secondary melt for multi-material or 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 in a compact clamp-only machine
- available in 4 sizes with 4 to 62 cc shot capacity
- used in conjunction with *Mold-Masters*® hot runners, this system provides a complete pellet to gate multi-material solution
- ideal for cleanroom applications
- two servo motors for efficient, powerful and precise injection and recovery
- simple to operate and maintain with an integrated temperature controller
- compact, flexible and robust design allows for relocation to other machines



▲ 14 mm unit

▲ 28 mm unit

Typical applications



► SPECIFICATIONS

specifications	EXI-60			EXI-130			EXI-240			EXI-490		
international size (bar*l)	62			132			243			493		
screw diameter (mm)	10	12	14	14	16	18	18	20	22	22	25	28
injection pressure (bar)	3,920	2,722	2,000	3,306	2,531	2,000	2,988	2,420	2,000	3,240	2,509	2,000
injection stroke (mm)	50			65			80			100		
shot volume (cc)	4	6	8	10	13	17	20	25	30	38	49	62
max screw speed (rpm)	410			410			410			410		
injection velocity (mm/s)	100			100			100			100		
nozzle touch force (kN)	10			15			20			25		
carriage stroke (mm)	100			100			100			100		
dimensions [LxWxH] (mm)	1250x340x350									1785x480x510		
weight (kg)	162			250 (est.)			350 (est.)			475		

- rigid frame design for vertical, horizontal and moving platen mounting
- flexible molding sequence selection between main injection and auxiliary injection with start or finishing triggering
- integrated Mold-Masters hot runner temperature controller with up to 80 zones
- closed loop barrel heat control
- easy maintenance access to all components
- 15" TFT XGA LCD touch screen with user friendly HMI (Human Machine Interface)
- standard Euromap 67 interface or SPI Electrical Interface No. AN146



▲ Integrated Mold-Masters Temperature Controller size: 21.5" x 36" x 62.5"