

X CALIBER ADD ON INJECTION UNITS

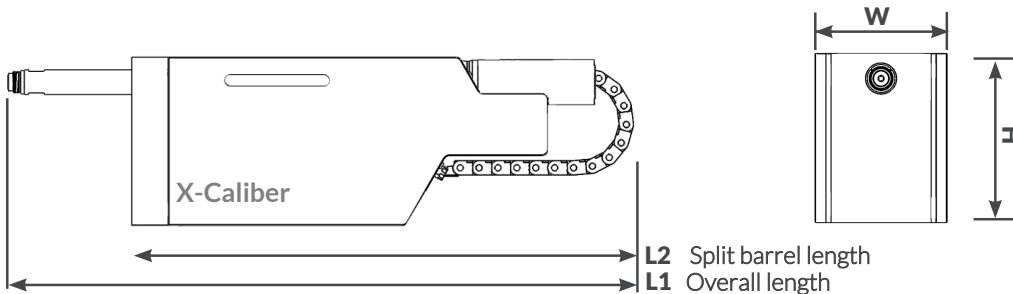
Injecting secondary shot material with a mold mounted injection unit allows for maximum manufacturing flexibility and minimizing valuable floor space. An X-Caliber injection unit turns any molding machine into a 2 material machine.

- MOLD MOUNTED**
 - Compact:** ideal for small molds or multiple units on 1 mold
 - Direct mounting:** no stand or extra floor space required
 - Flexible:** Horizontal or Vertical mounting. Split Barrel compatible
- MACHINE MOUNTED**
 - Platten mount:** vertical injection, compact for robot clearance
 - Floor support:** horizontal injection, maximum modularity
 - Larger shot sizes available with Vector Conan Series**
- SPLIT BARREL**
 - Patent pending design** attaches the barrel to the center of the mold
 - Reduces:** Flow length, residence time, pressure drop
 - Minimizes** the length of the injection unit

VECTOR INJECTION



Screw Diameter	mm	X30			X40				X50		
		14	16	18	18	20	22	24	24	26	30
Injection Volume	cc	12	16	23	23	31	42	57	57	77	102
	in3	0.8	1.0	1.4	1.4	1.9	2.6	3.5	3.5	4.7	6.3
Max Inj. P	bar	1600	1200	1000	2000	1600	1300	1100	2000	1700	1250
	psi	23,500	18,000	14,000	28,500	23,000	19,000	16,000	29,000	24,500	18,500
Screw Stroke	mm	80	80	90	90	100	110	125	125	145	145
	in	3.15	3.15	3.54	3.54	3.94	4.33	4.92	4.92	5.71	5.71
Injection Speed	cc/s	23.1	30.2	38.2	42.0	51.8	62.7	74.6	90.5	106.2	141.4
	in3/s	1.4	1.8	2.3	2.6	3.2	3.8	4.6	5.5	6.5	8.6
Plast Screw	RPM	320	320	320	320	320	320	320	320	320	320
Screw torque	Nm	37.9	37.9	52.1	52.1	69.3	69.3	69.3	69.3	69.3	69.3
	ftlb	28.0	28.0	38.4	38.4	51.1	51.1	51.1	51.1	51.1	51.1
L/D		15.7	15.0	15.0	15.0	15.0	15.0	15.2	15.2	15.6	14.8



	L1	L2	W	H
X30	1050	800	200	250
X40	1200	900	225	300
X50	1500	1000	250	350

Dimensions in mm