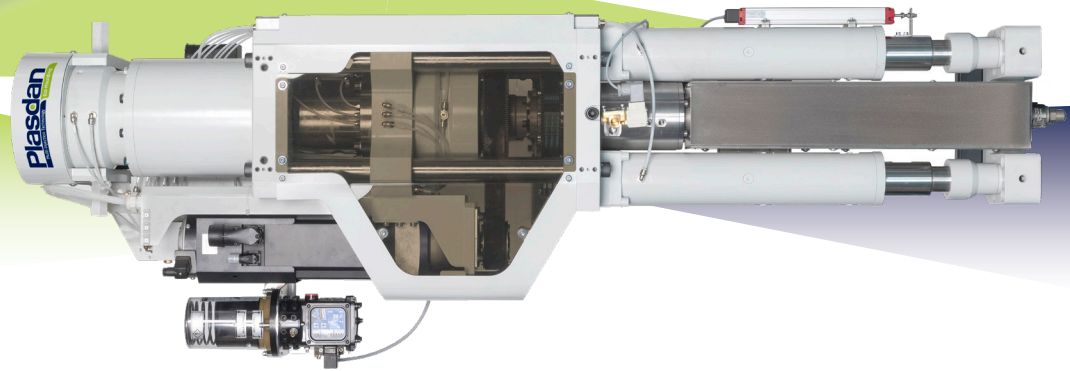


Add-on Injection Unit

HI-PER SERIES



Designed for Packaging

- Demanding cycle times
- Clean room operations
- High speed
- High pressure

DEMANDING APPLICATIONS

High-tech industries, such as medical, electronics and packaging, are increasing the complexity of parts requiring multi component solutions; add-on injection units are the perfect answer to provide these solutions.

MAXIMUM FLEXIBILITY

Mounting Options Include:

- Angular from fixed platen to mold moving half
- Angular on the moving platen
- Vertical on the fixed platen
- Horizontal on the non-operator side of the tool

Inj. Unit	Units	EL.0041				EL.0071				EL.0123 / EL.0123.HS			EL.0186			
Screw Ø	mm	16	18	20	20	22	25	22	25	30	28	30	35			
	in	0,63	0,71	0,79	0,79	0,87	0,98	0,87	0,98	1,18	1,10	1,18	1,38			
Swept Volume	cc	16,1	22,9	31,4	31,4	41,8	58,9	41,8	61,4	106,0	86,2	106,0	168,4			
	Fl.oz	0,54	0,77	1,06	1,06	1,41	1,99	1,41	2,08	3,58	2,91	3,59	5,69			
Max. Inj. Pres. *1	bar	2200	1800	1450	2050	1700	1320	2200	2000	1400	2010	1750	1280			
	psi	31908	26107	21030	29733	24656	19145	31908	29008	20305	29153	25382	18565			
Screw stroke	mm	80	90	100	100	110	120	110	125	150	140	150	175			
	in	3,15	3,54	3,94	3,94	4,33	4,72	4,33	4,92	5,91	5,51	5,91	6,89			
Screw Torque	Nm	37,9	52,1	69,3	69,3	89,6	126,5	89,6	126,5	207,0	171,8	207,0	313,8			
			30			30			30			40				
Nozzle sealing F.	kN															
	lbf		6744			6744			6744			8992				
retract stroke	mm		150			200			200			200				
	in		5,91			7,87			7,87			7,87				
Max. Inj. speed	mm/s		250			160			180/280			150				
	in/s		9,84			6,30			7,09/11,02			5,91				
Max. Inj. rate *2	cc/s		50	64	78	50	61	79	68/106	88/137	127/198	92	106	144		
	Fl.oz/s		1,69	2,14	2,65	1,69	2,05	2,64	2,31/3,60	2,99/4,64	4,30/6,68	3,11	3,57	4,86		
Screw speed	RPM		450			300			450			320				



Inj. Unit	Units	EL.0336 / EL.0336.HS			EL.0565		EL.0626 / EL.0626.HS			EL.1176		
Screw Ø	mm	30	35	40	40	45	40	45	50	50	55	60
	in	1,18	1,38	1,57	1,57	1,77	1,57	1,77	1,97	1,97	2,17	2,36
Swept Volume	cc	106	168,4	251,3	251,3	357,8	251,3	357,8	490,9	490,9	653,4	848,2
	Fl. oz.	3,58	5,69	8,50	8,50	12,10	8,50	12,10	16,60	16,60	22,09	28,68
Max. Inj. Pres. *1	bar	2200	2000	1550	2000	1580	2200	1750	1420	2150	1800	1500
	psi	31908	29008	22481	29008	22916	31908	25382	20595	31183	26107	21756
Screw stroke	mm	150	175	200	200	225	200	225	250	250	275	300
	in	5,91	6,89	7,87	7,87	8,86	7,87	8,86	9,84	9,84	10,83	11,81
Screw Torque	Nm	207	313,8	450	450	618	450	618,5	822	822	1063	1345
			40,0			40,0		40,0			40,0	
Nozzle sealing Force.	kN											
	lbf		8992			8992			8992			8992
retract stroke	mm		200			200			200			350
	in		7,87			7,87			7,87			13,78
Max. Inj. speed	mm/s		170/270			140			140/240			140
	in/s		6,69/10,63			5,51			5,51/9,45			5,51
Max. Inj. rate *2	cc/s	120/191	164/260	213,6/339	176	223	176/302	223/382	275/471	275	333	396
	Fl.oz/s	4,06/6,45	5,53/8,77	7,22/11,46	5,93	7,5	5,95/10,19	7,53/12,89	9,30/15,92	9,30	11,21	13,34
Screw speed	RPM		420			250			325			280



+1 (833) PLASDAN 752-7326 info@plasdanusa.com www.plasdanusa.com

PLASDAN USA
1239 Springwood Church Rd
Gibsonville, NC 27249