

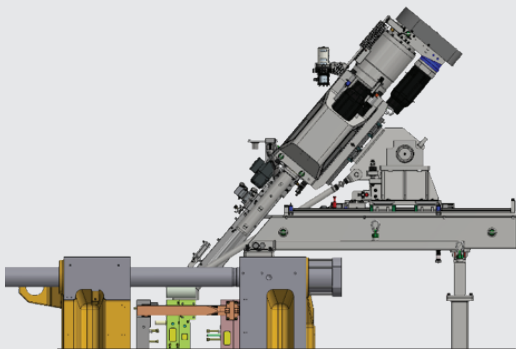


HI-PER SERIES

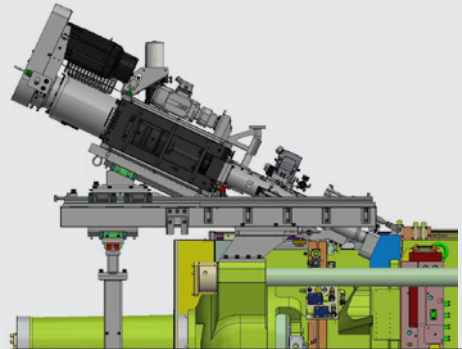
Plasdan presents the all-new HI-PER series (**H**igh **P**erformance) available for solutions in packaging, clean room and other demanding applications. Featured with high-performance drives specially designed to achieve faster cycle times. This range of full-electric, servo-driven, mould, platen or floor mounted mobile injection units which are highly accurate, have high shot-to-shot repeatability, are quiet, energy efficient and economic. Plasdan has doted its units with a rigid frame, easy maintenance, and high-performance driving mechanisms that guarantees a greater longevity and performance.

Specially designed for:

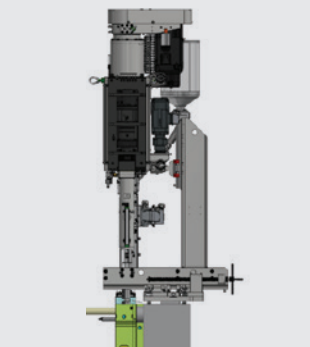
- **Demanding cycle times**
- **Clean room operations**



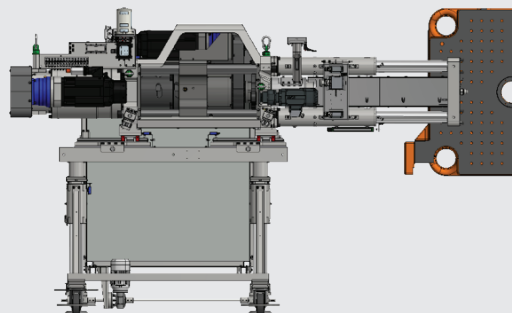
Angular from fixed platen to mould moving half.



Angular on moving platen



Vertical on fixed platen.



Horizontal from non-operator side to tool.



UNIT SPECIFICATIONS

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
Nozzle sealing F.	kN	30			30			30			40		
	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
Nozzle sealing Force.	kN	40,0			40,0		40,0			40,0		
	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 - The maximum injection and packing pressure are not the cavity melt pressure but injection unit output. The maximum injection and packing pressure are the maximum value that can be set. The maximum injection and packing pressure might be limited depending on the moulding conditions.
 *2 - The maximum injection rate and maximum injection speed are theoretical values.
 Note: all specifications are subject to change without notice.

Cofinanciado por:

