



Add-on Injection Units

HI-PER SERIES

Accelerated Precision

Our injection units are built to inject efficiency into your projects, enabling the injection of multiple components using a single IMM. Fully electric and servo-driven, they ensure energy-efficient, quiet operations with excellent shot-to-shot repeatability.

Compatible with any IMM and with numerous mounting options—including angled on the mould, vertical on the fixed platen, or horizontal on the non-operating side—these units adapt to any production environment. Engineered for maximum longevity, they enable easy maintenance, and hassle-free changeovers even in the most challenging setups.

The Hi-Per unit elevates performance with high-speed and high-pressure injection designed to significantly shorten cycle times with maximum precision.

Ideal for clean room environments and demanding applications in industries such as medical, electronics, and packaging.



Unit Ref	Screw Ø		Max Inj. Pressure*1		Injection Stroke		Shot Volume		Max. Injection Velocity		Max Injection Rate*2		Screw Speed	Screw Torque	Nozzle Stroke*3		Nozzle Force	
	mm	in	bar	psi	mm	in	cc	Fl Oz	mm/s	in/s	cc/s	OZ/s	rpm	Nm	mm	in	kN	lbf
EL.0041	16	0.63	2200	31 908	80	3.15	16.1	0.54	250	9.84	50.3	1.70	450	37.9	150	5.91	30	6 744
EL.0041	18	0.71	1800	26 107	90	3.54	22.9	0.77	250	9.84	63.6	2.15	450	52.1	150	5.91	30	6 744
EL.0041	20	0.79	1450	21 030	100	3.94	31.4	1.06	250	9.84	78.5	2.66	450	69.3	150	5.91	30	6 744
EL.0071	20	0.79	2050	29 733	100	3.94	31.4	1.06	160	6.30	50.3	1.70	300	69.3	200	7.87	30	6 744
EL.0071	22	0.87	1700	24 656	110	4.33	41.8	1.41	160	6.30	60.8	2.06	300	89.6	200	7.87	30	6 744
EL.0071	25	0.98	1320	19 145	120	4.72	58.9	1.99	160	6.30	78.5	2.66	300	126.5	200	7.87	30	6 744
EL.0123 /HS	22	0.87	2200	31 908	110	4.33	41.8	1.41	180 / 280	7.09 / 11.02	68.4 / 106.4	2.31 / 3.60	450	89.6	200	7.87	30	6 744
EL.0123 /HS	25	0.98	2000	29 008	125	4.92	61.4	2.07	180 / 280	7.09 / 11.02	88.4 / 137.4	2.99 / 4.65	450	126.5	200	7.87	30	6 744
EL.0123 /HS	30	1.18	1400	20 305	150	5.91	106.0	3.59	180 / 280	7.09 / 11.02	127.2 / 197.9	4.30 / 6.69	450	207.0	200	7.87	30	6 744
EL.0186	28	1.10	2010	29 153	140	5.51	86.2	2.91	150	5.91	92.4	3.12	320	171.8	200	7.87	40	8 992
EL.0186	30	1.18	1750	25 382	150	5.91	106.0	3.59	150	5.91	106.0	3.59	320	207.0	200	7.87	40	8 992
EL.0186	35	1.38	1280	18 565	175	6.89	168.4	5.69	150	5.91	144.3	4.88	320	313.8	200	7.87	40	8 992
EL.0336 /HS	30	1.18	2200	31 908	150	5.91	106.0	3.59	170 / 270	6.69 / 10.63	120.2 / 190.9	4.06 / 6.46	420	207.0	200	7.87	40	8 992
EL.0336 /HS	35	1.38	2000	29 008	175	6.89	168.4	5.69	170 / 270	6.69 / 10.63	163.6 / 259.8	5.53 / 8.78	420	313.8	200	7.87	40	8 992
EL.0336 /HS	40	1.57	1550	22 481	200	7.87	251.3	8.50	170 / 270	6.69 / 10.63	213.6 / 339.3	7.22 / 11.47	420	450.0	200	7.87	40	8 992
EL.0565	40	1.57	2000	29 008	200	7.87	251.3	8.50	140	5.51	175.9	5.95	250	450.0	200	7.87	40	8 992
EL.0565	45	1.77	1580	22 916	225	8.86	357.8	12.10	140	5.51	222.7	7.53	250	618.5	200	7.87	40	8 992
EL.0626 /HS	40	1.57	2200	31 908	200	7.87	251.3	8.50	140 / 240	5.51 / 9.45	175.9 / 301.6	5.95 / 10.20	325	450.0	200	7.87	40	8 992
EL.0626 /HS	45	1.77	1750	25 382	225	8.86	357.8	12.10	140 / 240	5.51 / 9.45	222.7 / 381.7	7.53 / 12.91	325	618.5	200	7.87	40	8 992
EL.0626 /HS	50	1.97	1420	20 595	250	9.84	490.9	16.60	140 / 240	5.51 / 9.45	274.9 / 471.2	9.30 / 15.93	325	822.0	200	7.87	40	8 992
EL.1176	50	1.97	2150	31 183	250	9.84	490.9	16.60	140	5.51	274.9	9.30	280	822.0	350	13.78	40	8 992
EL.1176	55	2.17	1800	26 107	275	10.83	653.4	22.09	140	5.51	332.6	11.25	280	1063.0	350	13.78	40	8 992
EL.1176	60	2.36	1500	21 756	300	11.81	848.2	28.68	140	5.51	395.8	13.38	280	1345.0	350	13.78	40	8 992

HS = High Speed Version of the injection Unit

*1 - The maximum injection and packing pressure values refer to the output of the injection unit, not the cavity melt pressure. These are the maximum values that can be set and may be limited depending on moulding conditions.

*2 - The maximum injection rate and speed are theoretical values.

*3 - Modified Nozzle Stroke length versions available for several options

Note: all specifications are subject to change without notice and additional configurations might be possible upon request