



Add-on Injection Units

ERGOLINE SERIES

Unmatched Versatility

Our add-on injection units are designed to inject efficiency into your projects. They enable multiple components to be injected using a single injection moulding machine and can be adapted to meet the demands of various sectors, from Automotive and Consumer Goods to the precision of medical applications. Whether your project requires intricate fine details or robust larger parts, our units consistently deliver precision and efficiency.



The Ergoline Series Offers Unmatched versatility

With a compact, slim design, extra-long nozzle reach and high mounting flexibility.

Tailored to your needs

We offer screw sizes up to Ø65mm to ensure our all-electric injection units handle any project's scale or complexity with precision and efficiency.

Unit	Screw Ø		Max Inj. Pressure ^{*1}		Injection Stroke		Shot Volume		Max. Injection Velocity		Max Injection Rate ^{*2}		Screw Speed	Screw Torque	Nozzle Stroke		Nozzle Force	
Ref	mm	in	bar	psi	mm	in	cc	fl Oz	mm/s	in/s	cc/s	fl Oz/s	rpm	Nm	mm	in	kN	lbf
EL.0037*	16	0.63	2100	30 458	80	3.15	16.1	0.54	150	5.91	30.2	1.02	350	37.91	100	3.94	28.5	6 407
EL.0037*	18	0.71	1650	23 931	90	3.54	22.9	0.77	150	5.91	38.2	1.29	350	52.11	100	3.94	28.5	6 407
EL.0037*	20	0.79	1350	19 580	100	3.94	31.4	1.06	150	5.91	47.1	1.59	350	69.25	100	3.94	28.5	6 407
EL.0120*	22	0.87	2200	31 908	110	4.33	41.8	1.41	150	5.91	57	1.93	300	89.58	100	3.94	30	6 407
EL.0120*	25	0.98	2000	29 006	125	4.92	61.4	2.08	150	5.91	73.6	2.49	300	126.5	100	3.94	30	6 407
EL.0120*	30	1.18	1600	23 206	150	5.91	106	3.58	150	5.91	106	3.58	300	206.96	100	3.94	30	6 407
EL.1520	55	2.17	2100	30 458	275	10.83	653	22.08	150	5.91	356	12.04	255	1 063	500	19.69	70	15 737
EL.1520	60	2.36	1800	26 107	300	11.81	848	28.67	150	5.91	424	14.34	255	1 344	500	19.69	70	15 737
EL.1520	65	2.56	1530	22 191	325	12.80	1 078	36.45	150	5.91	497	16.81	255	1 669	500	19.69	70	15 737

*A side carriage option with an extended nozzle reach of up to 300mm (11.8in) is available to ensure the nozzle of vertically mounted injection units reaches the mould.

*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.

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