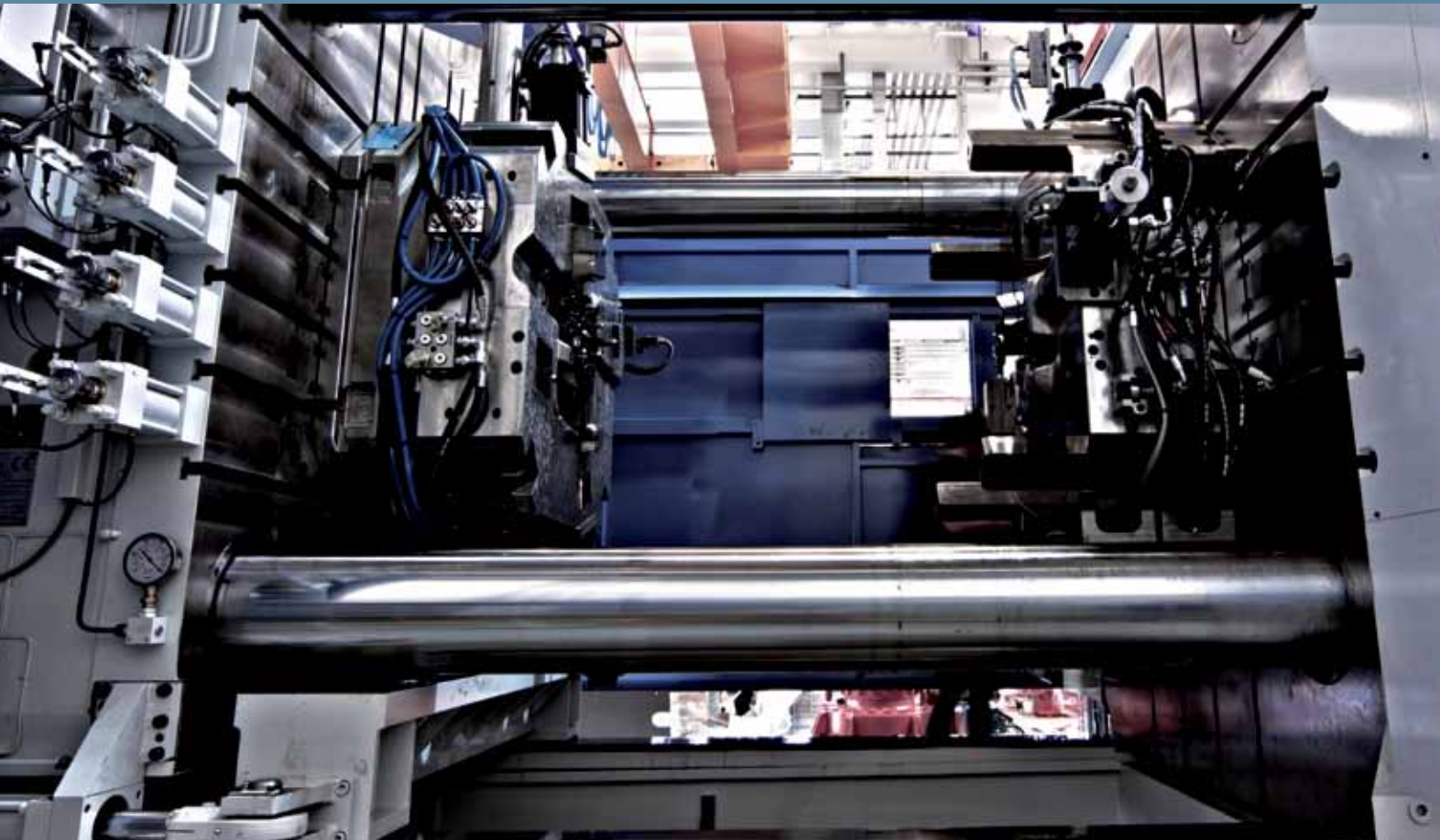




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OLS





OL S Series

Heir to the mythical S series from the 1970s, this new machine includes all of the most recent innovations of the electronic control systems utilising the latest generation hydraulic components. Following our tradition, the mechanical structure and robust dimensions have been designed using the same criteria and characteristics that have always guaranteed long life and reliability for the foundry. Integrated hydraulic blocks and the drastic reduction of external pipe work reduce the need for maintenance and the risk of fluid loss. All major groups of the machine have been designed taking into consideration the easy access for maintenance procedures. From the smallest model at 420 tonnes to the largest at 4200 tonnes this series stands out for the excellent performance of the injection, which combines high cavity pressure, complete flexibility of setting and excellent stability of production parameters. Closed loop control of the injection, programming of the velocity curve, control of process parameters give the die caster all of the necessary tools required for the most demanding parts. High integrity components for the automotive sector can be produced with the highest guaranteed quality and productivity. Thanks to a series of accessories perfectly integrated in to the control system, we can offer a complete automatic cell that is easy to manage and can fulfil the market need for 'Lean Production'.

MODEL		OL 420 S	OL 560 S	OL 700 S	OL 900 S	OL 1100 S	OL 1300 S	OL 1600 S	OL 1900 S	OL 2200 S	OL 2700 S	OL 3200 S	OL 3700 S	OL 4200 S
TECHNICAL DATA														
Clamping force	kN	4.360	5.850	7.500	9.200	11.000	13.250	17.100	19.600	23.000	28.100	32.500	37.700	43.200
Clamping force	Ton	445	597	765	938	1.122	1.351	1.743	1.998	2.345	2.864	3.313	3.843	4.404
Injection force with 20 bar counterpressure	kN	417	483	550	728	828	976	1.080	1.210	1.354	1.731	1.910	2.061	2.255
Ejection force	kN	246	246	385	385	483	630	630	688	688	786	786	1.100	1.100
Max. die height	mm	700	800	900	1.000	1.050	1.100	1.200	1.450	1.550	1.750	1.900	2.100	2.100
Min. die height	mm	250	300	400	450	450	450	450	600	700	800	900	1.100	1.100
Platens dimensions (HxV)	mm	970x970	1160x1160	1300x1300	1400x1400	1620x1620	1650x1650	1850x1850	1960x1960	2120x2120	2380x2380	2640x2640	2800x2800	2900x2900
Tie bar spacing	mm	620x620	760x760	840x840	910x910	1000x1000	1020x1020	1160x1160	1250x1250	1345x1345	1500x1500	1720x1720	1770x1770	1850x1850
Tie bar diameter	mm	130	140	165	180	200	215	240	250	280	300	330	350	370
Movable platen stroke	mm	600	700	780	900	960	1.070	1.200	1.400	1.400	1.500	1.600	1.700	1.800
Ejection stroke	mm	140	165	175	200	230	230	255	280	280	350	350	400	400
Max. shot weight (Al alloy)	kg	4,2	6,4	8,5	13,2	16,6	19,2	20,5	28,3	35,6	42,4	59,1	79,4	83,7
Max. projected area (400 bar on metal)	cm^2	1.112	1.491	1.912	2.346	2.804	3.377	4.358	4.995	5.861	7.161	8.282	9.608	11.009
Dry Cycles per Minute	n/1'	9	7	6	5,5	5	5	4	3,7	3,3	2,7	2,4	2	1,7
Pumps motors power	KW	30	37	45	45	55	2x37	2x37	2x45	2x55	2x55	3x55	3x75	3x75
Machine weight	Ton	18,0	23,5	33	47	56	65	85	98	115	150	205	227	270
Machine dimensions (L x W x H)	m	6.6x2.3x2.7	7.2x2.4x2.8	8.1x2.5x3.3	9x2.7x3.8	9.8x2.9x3.9	10.5x3x3.9	11.2x3.1x4.1	12x3.6x4.2	12.6x3.8x4.4	13,4x4x4.86	16x4.2x5	17.1x4.4x5	18x4.6x5.2

The technical information and pictures shown are not binding and may be changed due to modifications and/or improvements as considered necessary.