

1.1 Getting to know your ALLROUNDER

1.1.1 Technical data ALLROUNDER 570 C



Technical data 570 C - Europe			
Machine model	570 C 2000-800 ⁴⁾	570 C 2200-800 ⁵⁾	570 C 2200-1300 ⁵⁾
EUROMAP size ¹⁾	2000-800	2200-800	2200-1300
Clamping unit			
Clamping force	max. kN 2000	2200	2200
Closing force	max. kN 70	70	70
Opening force / increased	max. kN 50/520	50/520	50/520
Opening stroke	max. mm 650	650	650
Mould height	min. mm 300	300	300
Daylight between platens	max. mm 950	950	950
Tie-bar clearance	mm 570 x 570	570 x 570	570 x 570
Mould platen size (hor. x vert.)	mm 795 x 795	795 x 795	795 x 795
Weight of mov. mould half	max. kg 1500	1500	1500
Ejector force	max. kN 66	66	66
Ejector stroke	max. mm 225	225	225
Hydraulics, drive, general			
Drive power of hydraulic pump	kW 30	37	45
Dry cycle time for opening stroke	³⁾ s-mm 3.5-399	3.6-399	3.6-399
Total connected load	²⁾ kW 46.3	53.8	70.9
Colour: plastic coated, structure light grey / mint green / canary yellow			
Control cabinet			
Safety standard	DIN EN 60204	DIN EN 60204	DIN EN 60204
Socket combination (1 single phase, 1 three-phase)	1 x 16 A	1 x 16 A	1 x 16 A
Injection unit			
Screw diameter	mm 45/50/55	45/50/55	55/60/70
Effective screw length	L/D 22/20/18	22/20/18	22/20/17
Screw stroke	max. mm 200	200	235
Calculated injection volume	max. cm ³ 318/392/474	318/392/474	558/664/904
Shot capacity	max g/PS 291/359/434	291/359/434	510/607/826
Injection pressure	⁷⁾ max bar 2470/2000/1650	2470/2000/1650	2380/2000/1470
Injection flow	⁷⁾ max cm ³ /s 174/214/260	242/300/364	238/284/388
Injection flow with accumulator	max. cm ³ /s 530/656/792	530/656/792	712/848/1154
Back pressure positive/negative	max. bar 350/190	350/190	350/190
Circumferential screw speed	max. m/min. 56/62/69	80	40/43/51
Screw torque	max. Nm 880	880	1900
Nozzle contact force	max. kN 70	70	90
Nozzle retraction stroke	max. mm 400	400	550
Installed cylinder heating power	W 6 x 2200	6 x 2200	6 x 3350 + 1800
Installed nozzle heating power	W 600	600	1000
Material hopper capacity	l 50	50	50
Horizontal injection position	⁶⁾ max. mm 220 (175)	220 (175)	-
Machine dimensions and weights, basic machine			
Oil capacity	l 290	320	320
Net weight	kg 7860	8410	8750
Electrical connection (pre-fused)	²⁾ A 125	125	125/50

- 1) 1st figure: clamping force (kN); 2nd figure: max. dosage volume (cm³) x max. injection pressure (kbar)
- 2) Values apply to 400 V/50 Hz. The load is symmetrically distributed over the 3 phases. The value applies to the basic machine version. Additional optional equipment can increase the connected load, so that 2 separate supply lines may be required (motor + controller / heating). (For the 570 C 2200-1300 2 cables are necessary.)
- 3) according to EUROMAP for basic machine
- 4) technical data apply to basic machine equipped with 1 pump (2 or 3 pumps available as an option)
- 5) technical data apply to basic machine equipped with 2 pumps (3 pumps available as an option)
- 6) dimensions valid in conjunction with MULTILIFT H
- 7) a combination of max. injection pressure and max. injection flow (max. injection capacity) can be mutually exclusive, depending on the equipment-related motor output.

The technical data correspond to the current level when going to print. We reserve the right to modify specifications in the interest of further development