

TECHNICAL DATA | 720 H “PACKAGING” (P)

Clamping unit			720 H
with clamping force	max. kN		2900
Opening force stroke	max. kN mm		--- 600
Mould height, fixed variable	min. mm		--- 200-700
Platen daylight fixed variable	max. mm		--- 800-1300
Distance between tie bars (w x h)	mm		720 x 720
Mould mounting platens (w x h)	max. mm		1040 x 1040
Weight of movable mould half	max. kg		2900
Ejector force stroke	hydraulic	max. kN mm	86 250
	electric	max. kN mm	100 [250] 250
Dry cycle time EUROMAP ²	min. s - mm		1,5 - 504

Injection unit			1300		2100		3200	
with screw diameter (barrier)	mm		55	60	60	70	70	80
Effective screw length	L/D		22	25	23	25	23	25
Screw stroke	max. mm		240		280		320	
Calculated stroke volume	max. cm ³		570	678	792	1078	1232	1608
Shot weight	max. g PP		406	484	576	784	897	1171
	max. g HDPE		398	473	564	768	878	1146
Material throughput	max. kg/h PP		67	94	96	140	145	205
Injection pressure	max. bar		2380	2000	2500	2000	2500	2000
Holding pressure	max. bar		2380	2000	2500	2000	2500	2000
Injection flow	max. cm ³ /s		1188	1414	1414	1926	1924	2513
Screw circumferential speed ²	high-torque	max. m/min	55	60	51	60	53	60
	high-speed	max. m/min	69	76	75	85	75	85
Screw torque ²	max. Nm		1700		2140	2500	3140	3590
Nozzle contact force retraction stroke	max. kN mm		90 550		110 600		110 600	
Heating capacity zones	kW		22,9 8	28,4 9	31,1 8	37,6 9	38,4 8	48,9 9

Drive and connection			1300	2100	3200
with injection unit					
Net weight of machine	kg		19600	20600	21600
Sound press. level Insecurity ⁴	dB(A)		65 3	65 3	65 3
Oil filling	l		310	420	420
Drive power ²	max. kW		---	---	---
Electrical connection ³	kW		84 90	114 121	145 155
	Total	A	---	---	---
	Machine	A	125	160	200
	Heating	A	40 63	50 63	63 80
Cooling water connection	max. °C		30	30	30
	min. Δp bar		1,5 DN 25	1,5 DN 25	1,5 DN 25

Machine type

with EUROMAP size designation ¹

720 H 2900-1300 | 2100 | 3200

Upon request: other machine types and mould installation heights, screws, drive powers etc.

All specifications relate to the basic machine version. Deviations are possible depending on variants, process settings and material type. Depending on the drive, certain combinations, e.g. max. injection pressure and max. injection flow may be mutually exclusive.

- 1) Clamping force (kN) - size of injection unit = max. stroke volume (cm³) x max. injection pressure (kbar)
 - 2) Specifications depend on the drive variant / drive configuration.
 - 3) Specifications relate to 400 V/50 Hz.
 - 4) Emission sound pressure level at the workplace. Detailed information in the operating instructions.
- [] Specifications apply to alternative equipment.