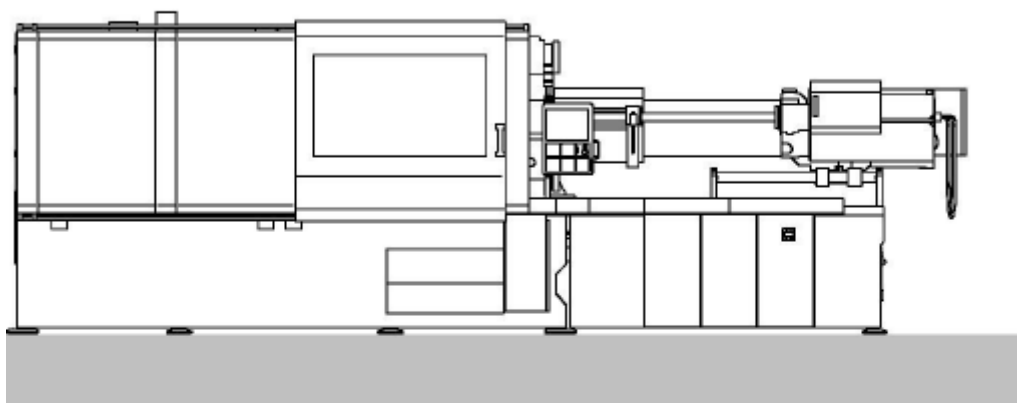


PŘÍLOHA P I: PARAMETRY VSTŘIKOVACÍHO STROJE

Facts and figures



ALLROUNDER 720 S GOLDEN EDITION

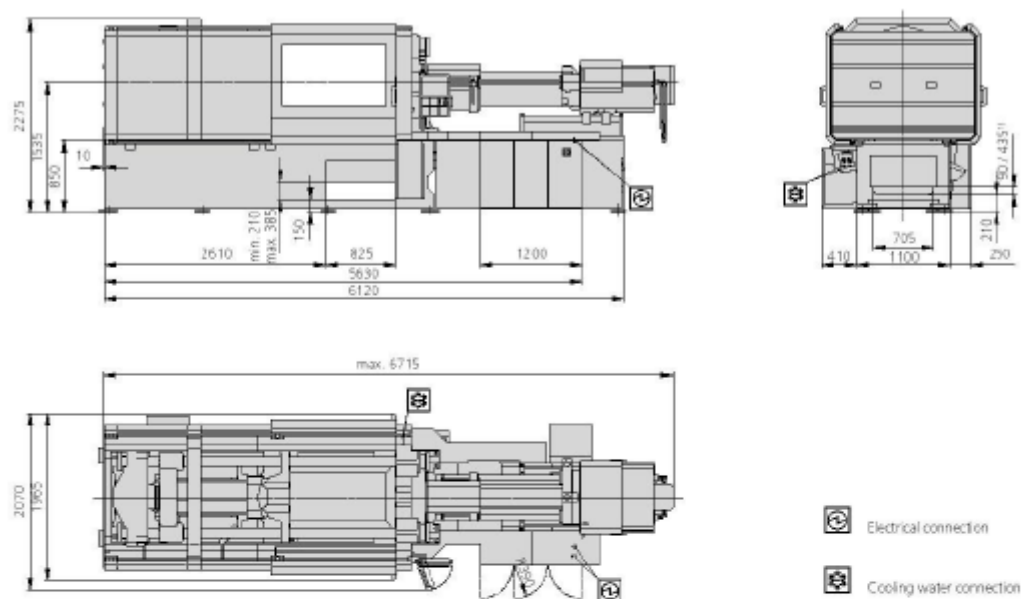
Distance between tie bars: 720 x 720 mm

Clamping force: 3000 kN

Injection unit (acc. to EUROMAP): 1300

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1) Conveyor belt

Technical data

| 720 S GOLDEN EDITION

Clamping unit			720 S GOLDEN EDITION	
with clamping force	max. kN		3000	
Opening force stroke	max. kN mm		800 850	
Mould height, fixed variable	min. mm		400 ---	
Platen daylight fixed variable	max. mm		1250 ---	
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		3200	
Ejector force stroke	max. kN mm		76 250	
Dry cycle time EUROMAP 2	min. s - mm		3,5 - 504	

Injection unit			1300			
with screw diameter	mm		55	60	70	
Effective screw length	UO		22	20	17	
Screw stroke	max. mm		235			
Calculated stroke volume	max. cm ³		558	664	904	
Shot weight	max. g PS		510	607	826	
Material throughput	max. kg/h PS		86	96	115	
	max. kg/h PA6.6		43	48	58	
Injection pressure	max. bar		2380	2000	1470	
Holding pressure	max. bar		2380	2000	1470	
Injection flow 2	max. cm ³ /s		238	284	388	
Screw circumferential speed 2	max. m/min		40	43	51	
Screw torque	max. Nm		1510	1640	1920	
Nozzle contact force retraction stroke	max. kN mm		90 550			
Heating capacity zones	kW		22.9 8			
Feed hopper	l		---			

Drive and connection			2 pumps		
with injection unit			1300		
Net weight of machine	kg		15500		
Emiss. sound press. level DIN EN 201:1997	dB(A)		72 +3		
Oil filling	l		390		
Drive power 2	max. kW		37		
Electrical connection 3			63		
	Total	A	125		
	Machine	A	88		
	Heating	A	33		
Cooling water connection	max. °C		30		
	min. Δp bar		1,5 DN 25		

Machine type
with EUROMAP size designation 1
720 S GOLDEN EDITION 3000-1300

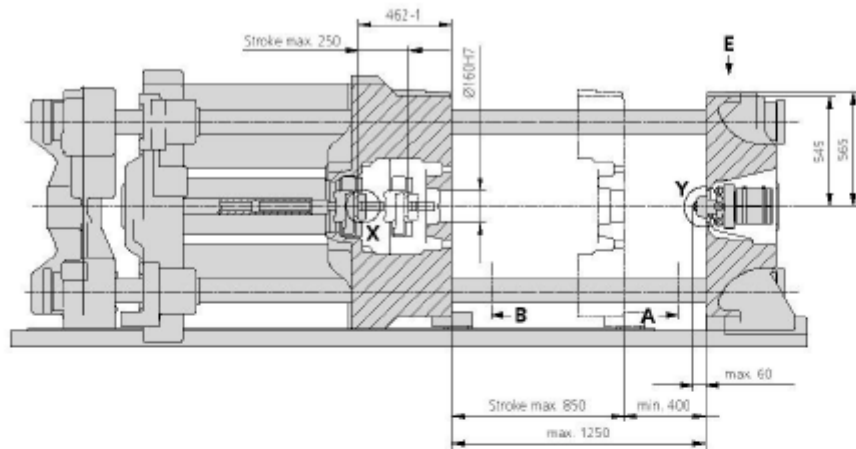
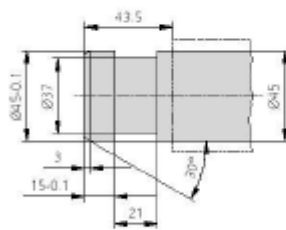
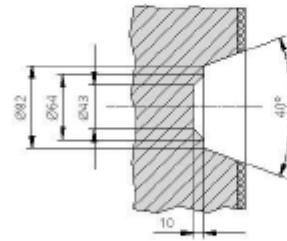
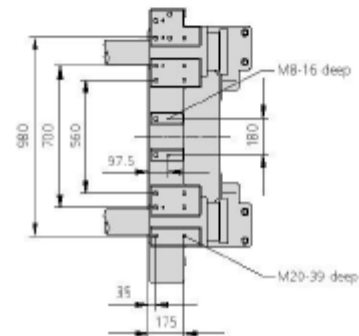
All specifications relate to the basic machine version. Deviations are possible depending on variants, process settings and material type. Depending on the drive, certain combinations, e.g. max. injection pressure and max. injection flow may be mutually exclusive.

1) Clamping force (tN) - large injector unit = max. stroke volume (cm³) x max. injection pressure (bar).

2) Specifications depend on the drive variant / drive configuration.

3) Specifications relate to 300 W/50 Hz.

[] Specifications apply to alternative equipment.

**Ejector bolt | X****Bore in mould (if required) | Y****Robotic system mounting | E**

Technical drawing of the front view of a 4-hole 1000W electric pressure cooker. The drawing shows a square body with four circular heating elements arranged in a 2x2 grid. Dimensions are provided in millimeters: overall width 1350, overall height 1180, and various internal spacing dimensions for the heating elements and control panel. A note indicates "M20-39 deep" for the mounting holes.

M20-30 deep
for robotic system

70
35

565

617

840

720

$\varnothing 31.5$

$\varnothing 20$

$\varnothing 36$

1090

840

720

280

101.6

370

406.4

1303

101.6

370

406.4

858

858

Theoretical shot weights for the most important injection moulding materials

Injection units according to EUROMAP		1300				
Screw diameter	mm	55	60	70		
Polystyrene	max. g PS	510	607	826		
Styrene heteropolymerizates	max. g SB	498	593	807		
	max. g SAN, ABS ¹⁾	488	581	791		
Cellulose acetate	max. g CA ¹⁾	574	683	930		
Celluloseacetobutyrate	max. g CAB ¹⁾	534	635	865		
Polymethyl methacrylate	max. g PMMA	527	627	854		
Polyphenylene ether, mod.	max. g PPE	473	563	767		
Polycarbonate	max. g PC	536	638	868		
Polysulphone	max. g PSU	554	659	897		
Polyamides	max. g PA 6.6, PA 6 ¹⁾	507	603	821		
	max. g PA 6.10, PA 11 ¹⁾	473	563	767		
Polyoximethylene (Polyacetal)	max. g POM	630	749	1020		
Polyethylene terephthalate	max. g PET	607	723	984		
Polyethylene	max. g PE-LD	385	458	624		
	max. g PE-HD	398	473	644		
Polypropylene	max. g PP	406	484	658		
Fluoropolymerides	max. g FEP, PFA, PCTFE ¹⁾	816	971	1322		
	max. g ETFE	716	852	1160		
Polyvinyl chloride	max. g PVC-U	616	734	998		
	max. g PVC-P ¹⁾	569	678	922		

1) average value

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All data and technical information have been compiled with great care. However we accept no responsibility for correctness. Individual illustrations and information may deviate from the actual delivery condition of the machine. The relevant valid operating instructions are applicable for the installation and operation of the machine.



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