

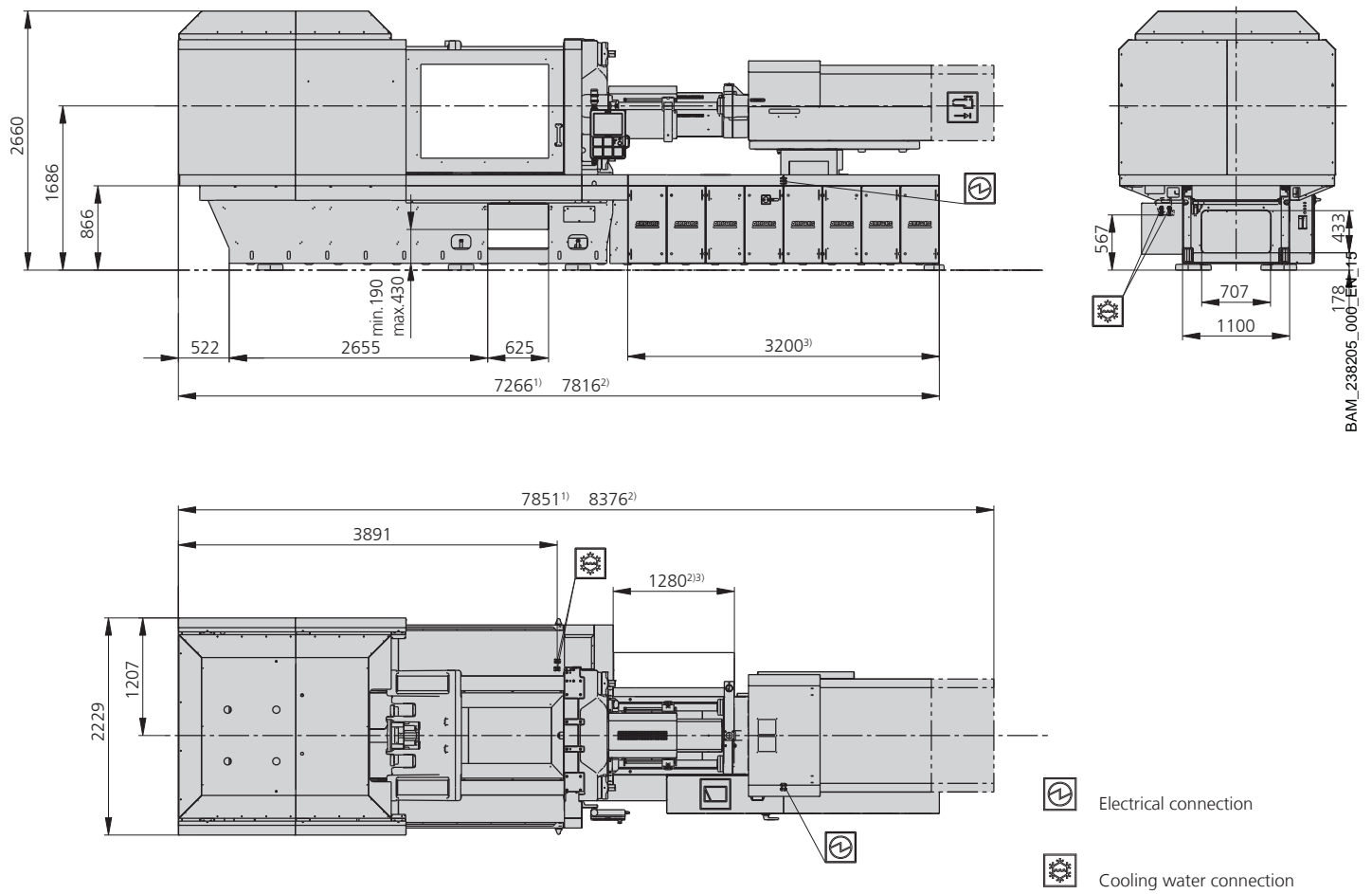
ALLROUNDER 920 A

Distance between tie bars: 920 x 920 mm

Clamping force: 5000 kN

Injection unit (acc. to EUROMAP): 1300, 2100

ARBURG



1) Injection unit 1300
 2) Injection unit 2100
 3) In conjunction with high-performance version L2

Clamping unit			920 A		
with clamping force	max. kN		5000		
Opening force stroke	max. kN mm		--- 900		
Mould height, fixed variable	min.-max. mm		--- 400-1050		
Platen daylight fixed variable	max. mm		--- 1300-1950		
Distance between tie bars (w x h)	mm		920 x 920		
Mould mounting platens (w x h)	max. mm		1280 x 1280		
Weight of movable mould half	max. kg		6000		
Ejector force stroke	max. kN mm		86 250		
Dry cycle time EUROMAP ²	Version L1	min. s - mm	2,5 - 644		
	Version L2	min. s - mm	1,8 - 644		

Injection unit			1300			2100			
with screw diameter	mm		55	60	70	60	70	80	
Effective screw length	L/D		22	20	17	23	20	17,5	
Screw stroke	max. mm		240			280			
Calculated stroke volume	max. cm ³		570	678	923	792	1078	1407	
Shot weight	max. g PS		521	620	844	723	984	1286	
Material throughput	max. kg/h PS		86	96	115	125	145	175	
	max. kg/h PA6.6		43	48	58	62	74	88	
Injection pressure	max. bar		2380	2000	1470	2500	2000	1530	
Holding pressure	max. bar		1900	1600	1170	2180	1600	1220	
Injection flow ²	Version L1	max. cm ³ /s	262	311	423	340	463	604	
	Version L2	max. cm ³ /s	476	566	772	708	964	1258	
Screw circumferential speed ²	max. m/min		55	60	70	51	60	69	
Screw torque	max. Nm		1510	1640	1920	2010	2010	2010	
Nozzle contact force retraction stroke	max. kN mm		90 500			110 640			
Heating capacity zones	kW		22,9 8			31,4 8			

Drive and connection			Version L1		Version L2		
with injection unit			1300	2100	1300	2100	
Net weight of machine	kg				25300	26500	
Emiss. sound press. level DIN EN 201:1997	dB(A)				---		
Electrical connection ³		kW			72	97	
	Total	A			---		
	Machine	A			160	225	
	Heating	A			35	50	
Cooling water connection	max. °C		30		30		
	min. Δp bar		1,5 DN 25		1,5 DN 25		

Machine type
with EUROMAP size designation ¹
920 A 5000-1300 2100

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

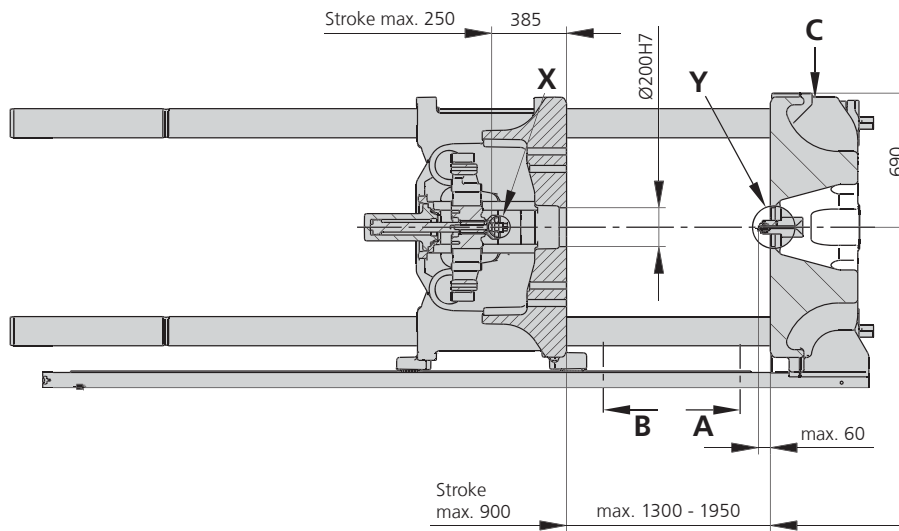
All specifications relate to the basic machine version. Deviations are possible depending on versions, process settings and material type. Depending on the drive, certain combinations, e.g. max. injection pressure and max. injection flow may be mutually exclusive.

1) Clamping force (kN) - large injection unit = max. stroke volume (cm³) x max. injection pressure (kbar)

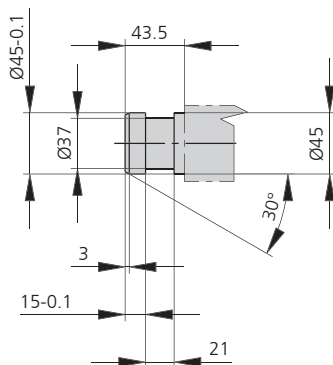
2) Specifications depend on the drive variant / drive configuration.

3) Specifications relate to 400 V/50 Hz.

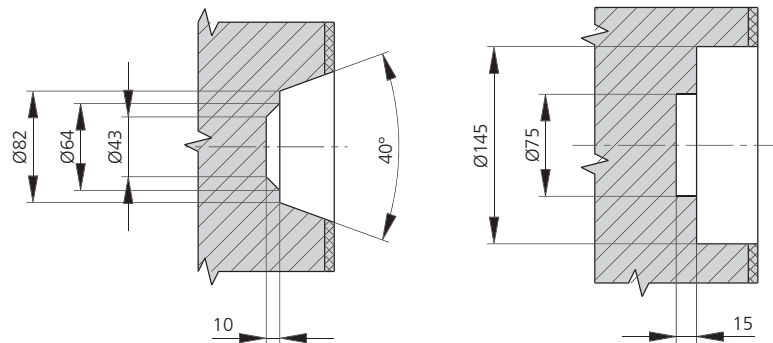
[] Specifications apply to alternative equipment.



Ejector bolt | X

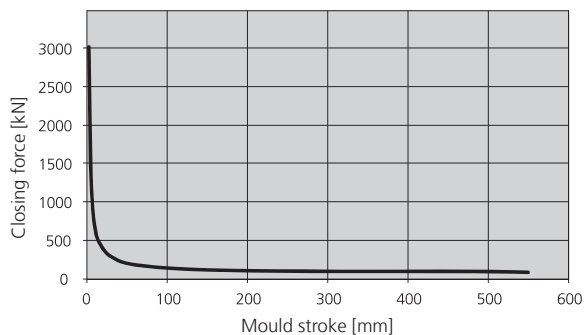


Bore in mould (if required) | Y



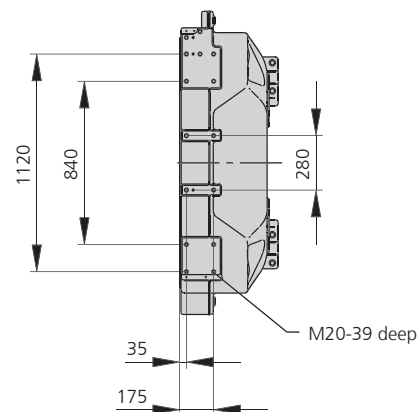
in thermoset version -
Injection unit 2100 available on request

Closing force for spring moulds / during injection compression moulding*

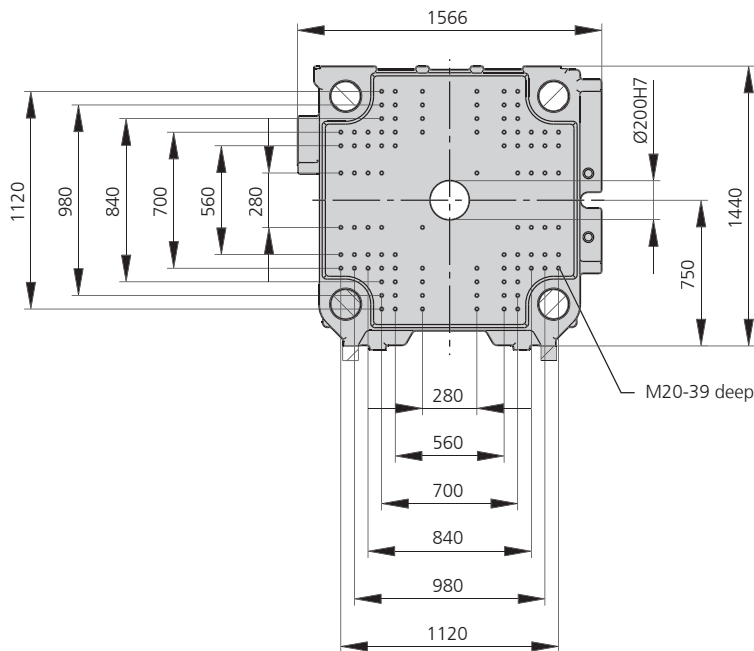


* automatic locking force adjustment up to 25 kN

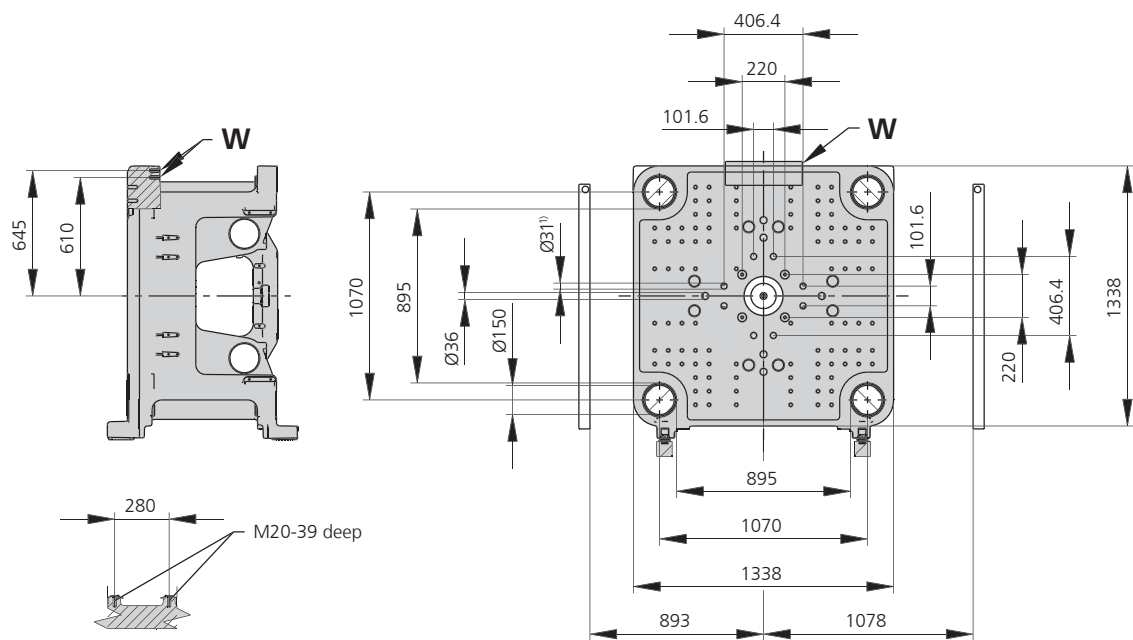
Robotic system mounting | E



Fixed mould mounting platen | A



Moving mould mounting platen | B



1) Guide $\varnothing 27$

Theoretical shot weights for the most important injection moulding materials

Injection units according to EUROMAP		1300			2100			
Screw diameter	mm	55	60	70	60	70	80	
Polystyrene	max. g PS	521	620	844	723	984	1286	
Styrene heteropolymerizates	max. g SB	509	606	824	707	962	1256	
	max. g SAN, ABS ¹⁾	499	594	808	693	943	1231	
Cellulose acetate	max. g CA ¹⁾	586	698	949	814	1108	1447	
Celluloseacetobutyrate	max. g CAB ¹⁾	545	649	883	757	1030	1346	
Polymethyl methacrylate	max. g PMMA	538	641	872	747	1017	1329	
Polyphenylene ether, mod.	max. g PPE	484	575	783	671	914	1194	
Polycarbonate	max. g PC	547	651	887	760	1034	1351	
Polysulphone	max. g PSU	566	673	916	785	1069	1396	
Polyamides	max. g PA 6.6 PA 6 ¹⁾	517	616	838	719	978	1278	
	max. g PA 6.10 PA 11 ¹⁾	473	575	783	671	914	1194	
Polyoximethylene (Polyacetal)	max. g POM	643	765	1042	893	1215	1588	
Polyethylene terephthalate	max. g PET	620	738	1005	861	1172	1531	
Polyethylene	max. g PE-LD	393	468	637	546	744	971	
	max. g PE-HD	406	483	658	564	768	1003	
Polypropylene	max. g PP	415	494	672	576	784	1025	
Fluoropolymerides	max. g FEP, PFA, PCTFE ¹⁾	834	992	1350	1157	1575	2058	
	max. g ETFE	731	870	1185	1015	1382	1805	
Polyvinyl chloride	max. g PVC-U	629	749	1020	874	1190	1554	
	max. g PVC-P ¹⁾	582	692	942	808	1099	1436	

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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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