

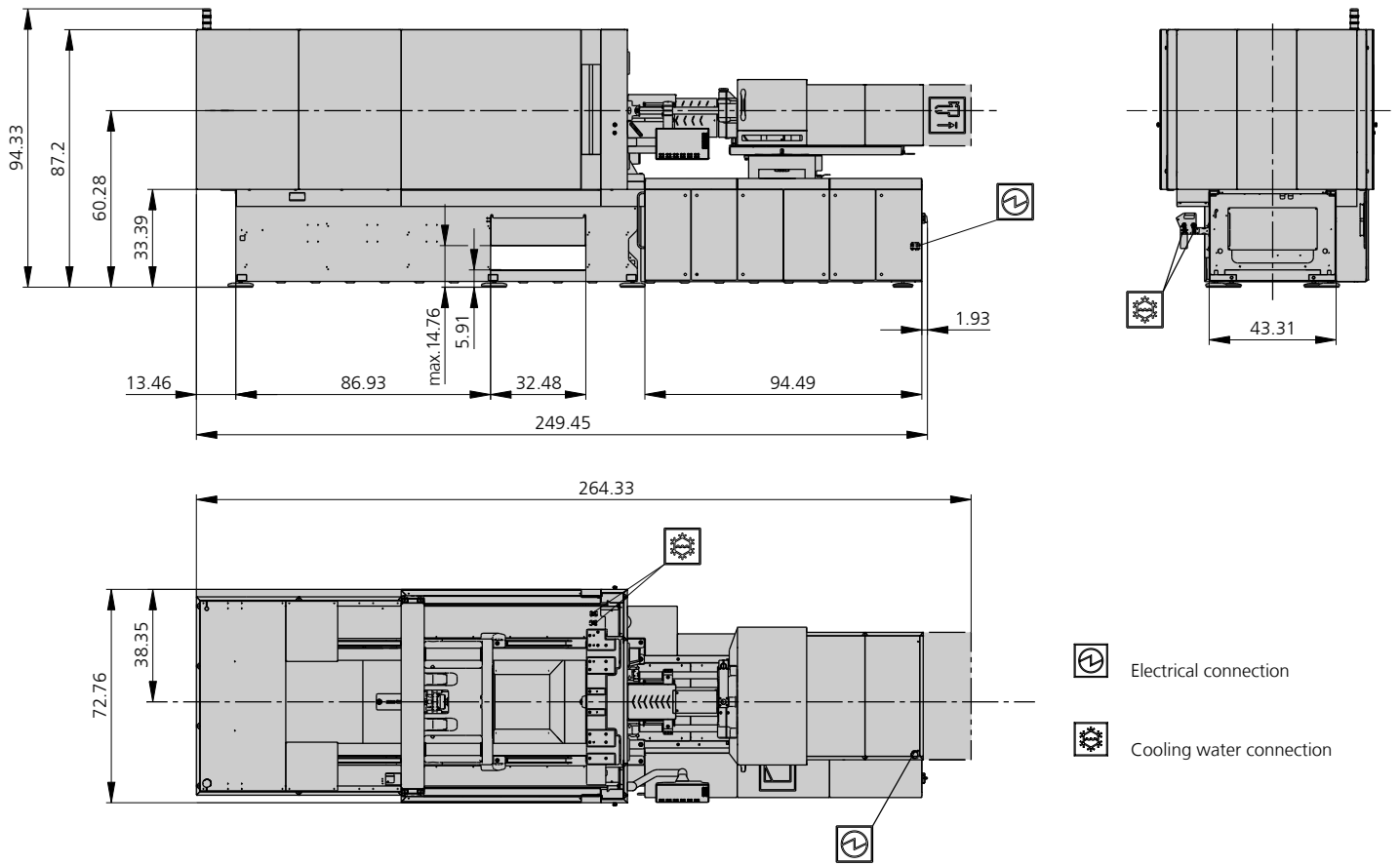
ALLROUNDER 720 E

GOLDEN ELECTRIC

Distance between tie bars: 28.35 x 28.35" (720 x 720 mm)
Clamping force: 308 tons
Injection unit: 15.3 oz



MACHINE DIMENSIONS | 720 E GOLDEN ELECTRIC



TECHNICAL DATA | 720 E GOLDEN ELECTRIC

Clamping unit		720 E GOLDEN ELECTRIC	
with clamping force	max. tons	308	
Opening force stroke	max. tons inch	--- 21.65	
Mold height, fixed variable	min.-max. inch	--- 9.84-31.50	
Platen daylight fixed variable	max. inch	--- 31.50-53.15	
Distance between tie bars (w x h)	inch	28.35 x 28.35	
Mold mounting platens (w x h)	max. inch	40.94 x 40.94	
Weight of movable mold half	max. lbs	5500	
Ejector force stroke	max. tons inch	9.46 9.84	
Dry cycle time EUROMAP ²	min. s - inch	2.9 - 19.84	

Injection unit [EUROMAP designation]		15.3 oz [800]		
with screw diameter	mm	45	50	55
Effective screw length	L/D	22	20	18
Screw stroke	max. inch	7.87		
Calculated stroke volume	max. cu. inch	19.4	23.9	28.9
Shot weight	max. oz / PS	10.3	12.7	15.3
Material throughput	max. lbs/h PS	101.2	116.6	129.8
	max. lbs/h PA6.6	50.6	59.4	66.0
Injection pressure	max. psi	35815	29000	23925
Holding pressure time	max. s - psi	300-28570	300-23200	300-19140
Injection flow ²	max. cu. inch/s	10.7	13.2	15.9
	max. cu. inch/s	[13.9]	[17.2]	[20.7]
Injection speed	max. inch/s	4.3		
	max. inch/s	[5.51]		
Screw circumferential speed	max. ft./min	92	102	112
Screw torque	max. ft./lbs	664	738	812
Nozzle contact force retraction stroke	max. tons inch	7.70 15.75		
Heating capacity zones	kW	19.90 8		
Feed hopper	lbs	80	80	

Drive and connection				
with injection unit		15.3 oz		
Net weight of machine	lbs	31570		
Sound press. level Ref. only ⁴	dB(A)	---		
Electrical connection ³	kW	49		
	Total	A		
	Machine	A		
	Heat	A		
Cooling water connection	max. °F	86		
	min. Δp psi	22 1"		

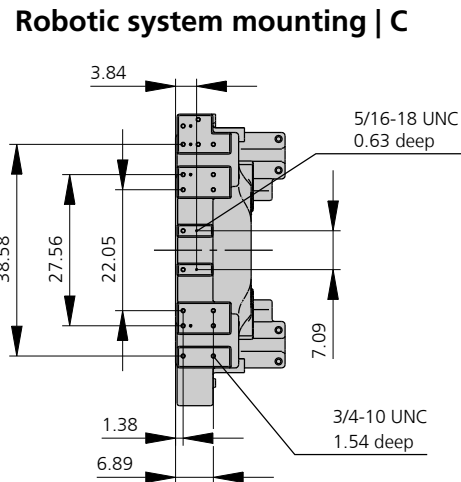
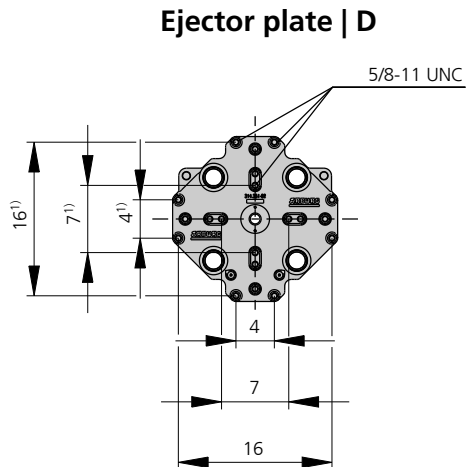
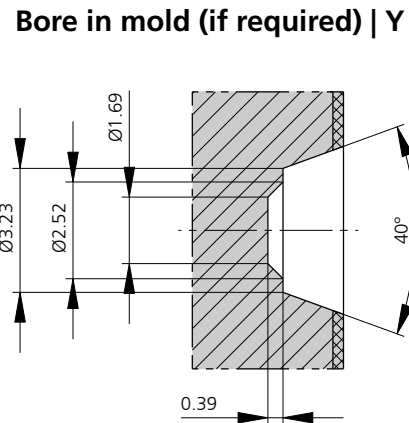
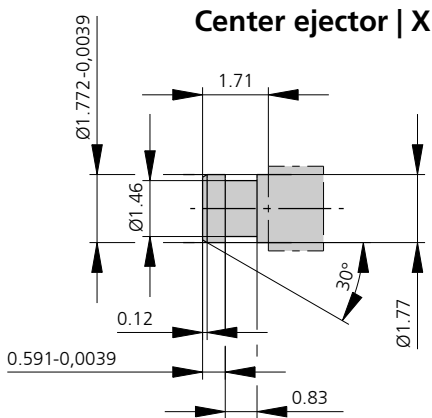
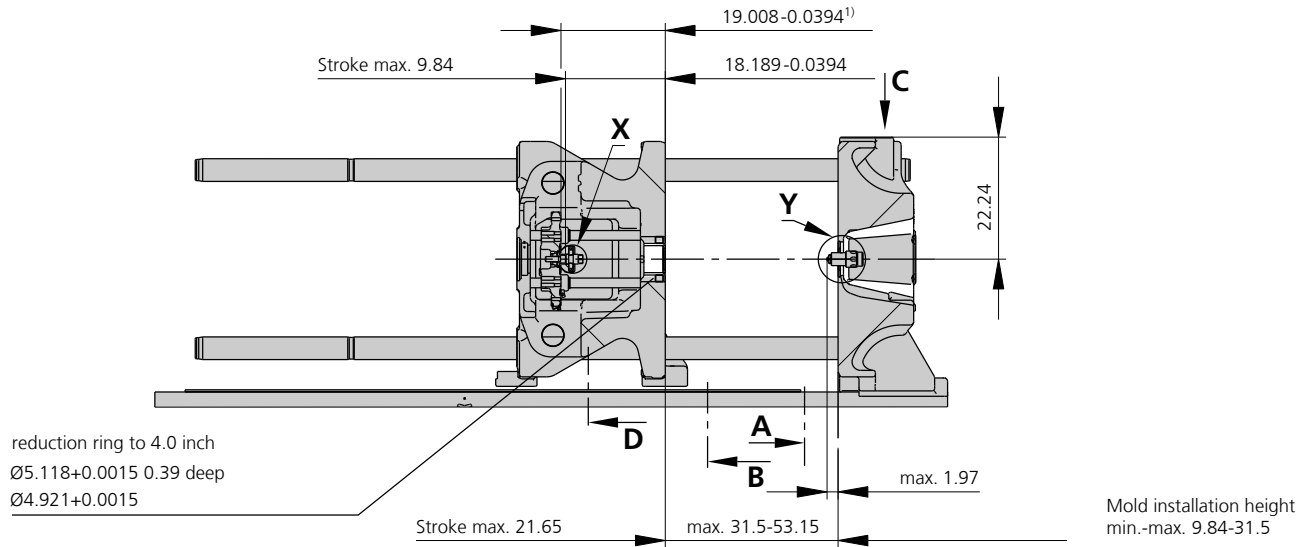
Machine type
with EUROMAP size designation ¹
720 E GOLDEN ELECTRIC 2000 | 800

Upon request: other machine types and mold 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 (tons) - Size of injection unit = max. stroke volume (cu. inch) x max. injection pressure (psi)
 - 2) Specification of maximum injection flow at maximum injection pressure.
 - 3) Specifications relate to 230V/60 cycles | 460V/60 cycles.
 - 4) Detailed info in the operating instr.
- [] Information applies to alternative equipment.

MOLD INSTALLATION DIMENSIONS | 720 E GOLDEN ELECTRIC



1) Positions of ejector plate

SHOT WEIGHTS | 720 E GOLDEN ELECTRIC

Theoretical shot weights for the most important materials

Injection units		15.3 oz				
Screw diameter	inch	1.77	1.97	2.17		
	mm	45	50	55		
Polystyrene	max. oz PS	10.3	12.7	15.3		
Styrene heteropolymerizates	max. oz SB	10.0	12.3	15.0		
	max. oz SAN, ABS ¹⁾	9.8	12.1	14.7		
Cellulose acetate	max. oz CA ¹⁾	11.5	14.3	17.2		
Celluloseacetobutyrate	max. oz CAB ¹⁾	10.7	13.2	16.0		
Polymethyl methacrylate	max. oz PMMA	10.6	13.1	15.8		
Polyphenylene oxide, mod.	max. oz PPO	9.5	11.7	14.2		
Polycarbonate	max. oz PC	10.8	13.3	16.1		
Polysulphone	max. oz PSU	11.1	13.8	16.6		
Polyamides	max. oz PA 6.6 PA 6 ¹⁾	10.2	12.6	15.2		
	max. oz PA 6.10 PA 11 ¹⁾	9.5	11.7	14.2		
Polyoximethylene (Polyacetal)	max. oz POM	12.7	15.6	18.9		
Polyethylene terephthalate	max. oz PET	12.2	15.1	18.2		
Polyethylene	max. oz PE-LD	7.7	9.6	11.6		
	max. oz PE-HD	8.0	9.9	12.0		
Polypropylene	max. oz PP	8.2	10.1	12.2		
Fluoropolymerides	max. oz FEP, PFA, PCTFE ¹⁾	16.4	20.2	24.5		
	max. oz ETFE	14.3	17.7	21.4		
Polyvinyl chloride	max. oz PVC-U	12.4	15.3	18.5		
	max. oz PVC-P ¹⁾	11.4	14.1	17.1		

1) average value

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