

UN700A5-EU Specifications



STANDARD FEATURES

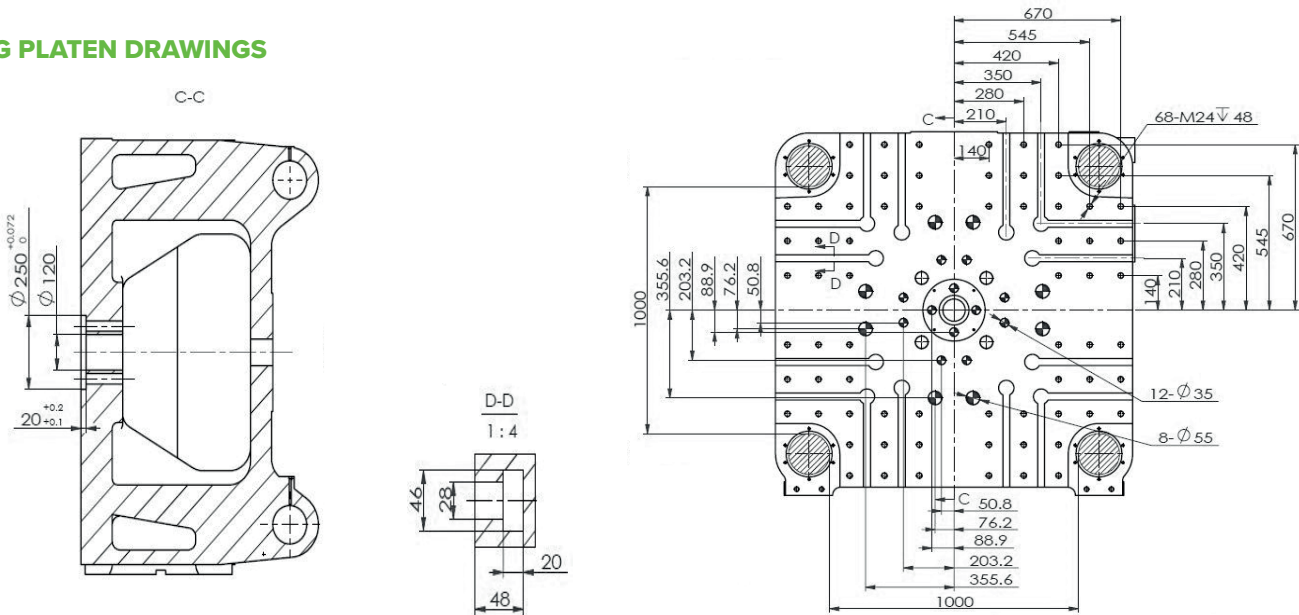
- › World famous Austrian made KEBA 1075 Microprocessor control
- › Control of oil temperature from the Keba controller
- › Oil level monitoring
- › Injection hold changeover by time, distance or pressure
- › Control of barrel throat temperature via the Keba controller
- › Semi-auto start button on a flying lead with magnetic base
- › European linear transducers
- › European seals
- › European hydraulic valves
- › European switchgear
- › Back pressure controlled by proportional valve
- › Water manifold with 6 circuits
- › 2 x air-blast circuits fitted with pneumatic valves fitted
- › Double core pull
- › Euomap 67 interface
- › 2 x UK style 13 amp sockets
- › Industry 4.0 ready
- › Ejector safety circuit
- › Oil preheating circuit
- › Servo motor energy saving pump system
- › CE certification
- › Anti-vibration mounts
- › Spares package
- › Tool kit & mould clamps
- › 3 x auxillary three phase sockets.

OPTIONAL FEATURES

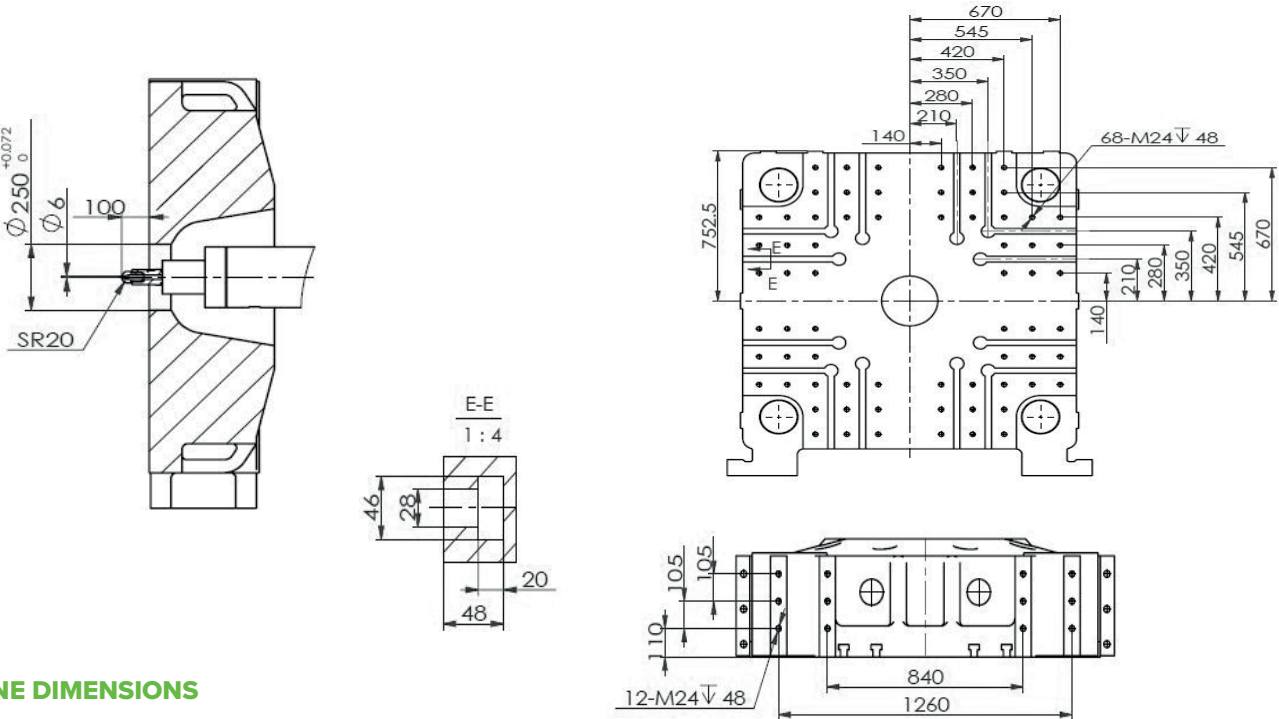
- › Increased clamping force
- › Increased / Decreased mould height
- › Hydraulic or pneumatic valve gate control
- › Integral hot runner control
- › Bi-metallic plasticising units
- › Infrared heater bands
- › Electric screw drive (220t - 700t)
- › Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- › Accumulator injection
- › Liquid silicone rubber conversion
- › Robots & Anciliaries

INJECTION UNIT		4820/7000			6780/7000			9015/7000		
		A	B	C	A	B	C	A	B	C
Screw diameter	mm	84	92	108	92	100	116	100	108	125
Shot volume	cm ³	2216.7	2659	3664	3190	3770	5070	4319.8	5039.4	6748
Shot weight (PS)	g	2039.4	2446.3	3371	2934.8	3468	4664	3974.2	4636.2	6208
Injection pressure	MPa	217.6	181.4	131	212.8	180.2	133.9	208.8	179.1	133.6
Screw L:D ratio		21.9:1	20:1	20:1	21.7:1	20:1	20:1	21.6:1	20:1	20:1
Injection rate	g/s	513	615	848	533	630	847	534	624	835
Max. injection speed	mm/s		102			87			75	
Screw stroke	mm		400			480			550	
Screw speed (stepless)	r/min		0 - 176			0 - 136			0 - 98	
CLAMPING UNIT										
Clamping force	kN	7000								
Platen size	mm	1435 x 1435								
Distance between tie-bars	mm	1000 x 1000								
Mould thickness (min-max)	mm	400 - 1000								
Opening stroke	mm	1040								
Max. daylight	mm	2040								
Ejector force	kN	182								
Ejector stroke	mm	280								
Ejector number	PCS	21								
ELECTRICAL & HYDRAULIC UNITS										
Hydraulic system pressure	MPa	17.5								
Oil pump motor	kW	39.4 + 55.4								
Heating capacity	kW	38 / 47			42 / 51			46.5 / 63.6		
Number of temp control zones		6			6			7		
GENERAL										
Dry cycle time	s	7								
Oil tank capacity	L	1150								
Machine dimensions (LxWxH)	mm	10720 x 2590 x 2630								
Max. mould weight - moving	kg	6367								
Max. mould weight - fixed	kg	3183								
Machine weight	kg	35000								

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

