

UN580A5-EU Specifications



STANDARD FEATURES

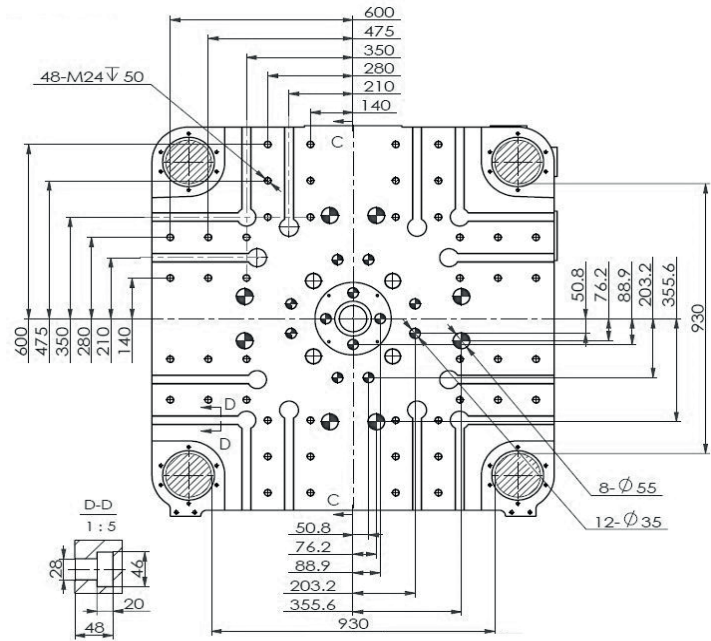
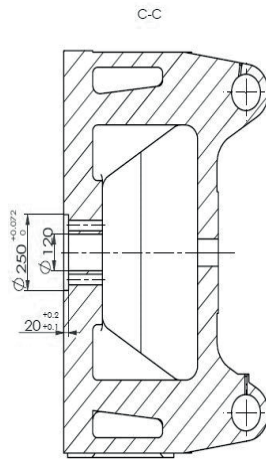
- › World famous Austrian made KEBA 1075 Microprocessor control
- › Control of oil temperature from the Keba controller
- › Oil level monitoring
- › Injection hold changeover by time, distance or pressure
- › Control of barrel throat temperature via the Keba controller
- › Semi-auto start button on a 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

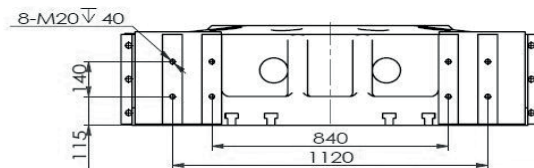
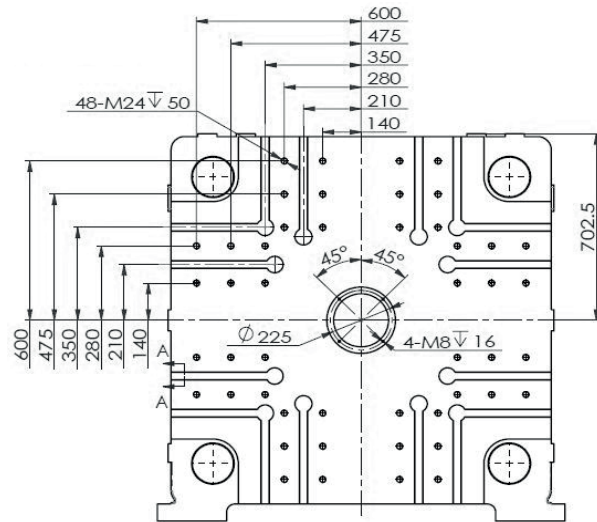
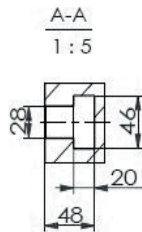
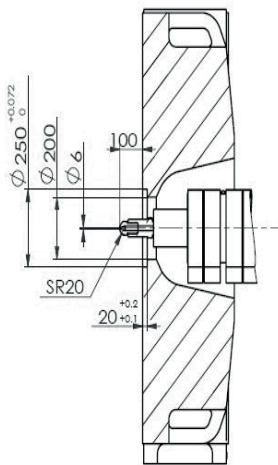
- › Increased clamping force
- › Increased / Decreased mould height
- › Hydraulic or pneumatic valve gate control
- › Integral hot runner control
- › Bi-metallic plasticising units
- › Infrared heater bands
- › Electric screw drive (220t - 700t)
- › Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- ›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

INJECTION UNIT		3330/5800			4820/5800			6780/5800		
		A	B	C	A	B	C	A	B	C
Screw diameter	mm	76	84	92	84	92	108	92	100	116
Shot volume	cm ³	1678.5	2050.5	2459.6	2216.7	2659	3664	3190	3770	5070
Shot weight (PS)	g	1544.2	1886.5	2262.8	2039.4	2446.3	3371	2934.8	3468	4664
Injection pressure	MPa	198.6	162.5	135.5	217.6	181.4	131	212.8	180.2	133.9
Screw L:D ratio		22.1:1	20:1	20:1	21.9:1	20:1	20:1	21.7:1	20:1	20:1
Injection rate	g/s	457	558	670	423	507	699	422	499	671
Max. injection speed	mm/s		111			83			70	
Screw stroke	mm		370			400			480	
Screw speed (stepless)	r/min		0 - 172			0 - 143			0 - 111	
CLAMPING UNIT										
Clamping force	kN	5800								
Platen size	mm	1320 x 1320								
Distance between tie-bars	mm	930 x 930								
Mould thickness (min-max)	mm	350 - 900								
Opening stroke	mm	900								
Max. daylight	mm	1800								
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	36 + 39.4								
Heating capacity	kW	33.1 / 36.2			38 / 47			42 / 51		
Number of temp control zones		6			6			7		
GENERAL										
Dry cycle time	s	6.5								
Oil tank capacity	L	1000								
Machine dimensions (LxWxH)	mm	9870 x 2530 x 2610								
Max. mould weight - moving	kg	4900								
Max. mould weight - fixed	kg	2450								
Machine weight	kg	26000								

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

