

UN90A5-EU Specifications



STANDARD FEATURES

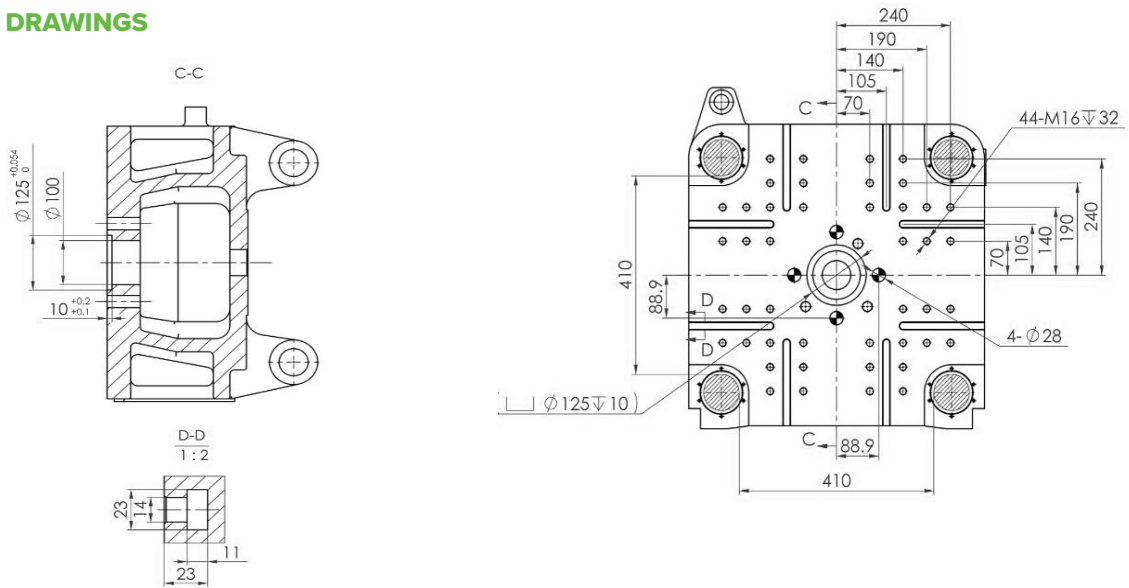
- › World famous Austrian made KEBA 1075 Microprocessor control
- › Control of oil temperature from the Keba controller
- › Oil level monitoring
- › Injection hold changeover by time, distance or pressure
- › Control of barrel throat temperature via the Keba controller
- › Semi-auto start button on a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

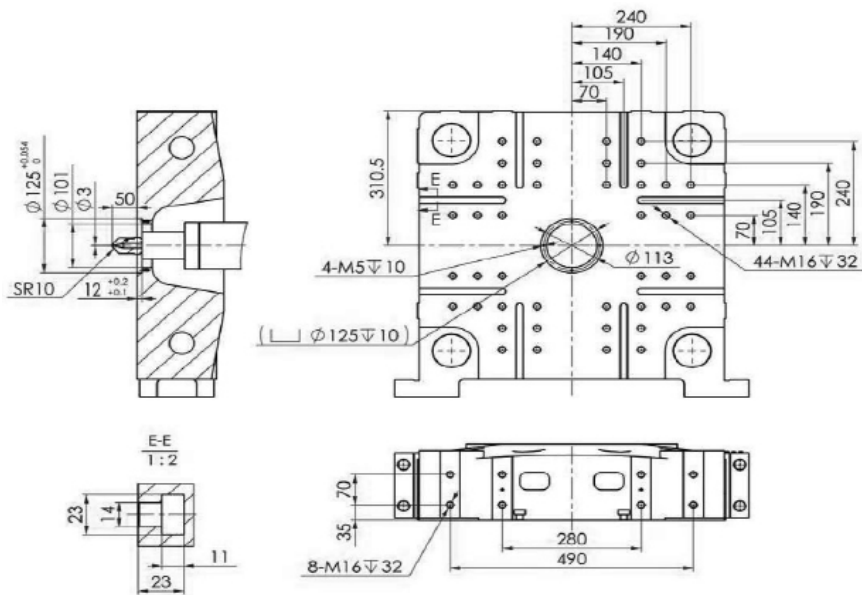
- › Increased clamping force
- › Increased / Decreased mould height
- › Hydraulic or pneumatic valve gate control
- › Integral hot runner control
- › Bi-metallic plasticising units
- › Infrared heater bands
- › Electric screw drive (220t - 700t)
- › Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- ›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

INJECTION UNIT		190 / 900		295 / 900			420 / 900		
		A	B	A	B	C	A	B	C
Screw diameter	mm	22	26	30	35	40	35	43	48
Shot volume	cm ³	51.2	71.6	116.6	159	207	163.6	246.8	307.6
Shot weight (PS)	g	47	45.9	107	146	190.4	150.5	227.1	283
Injection pressure	MPa	373	267	252.8	185.6	142.2	256.9	170	136.7
Screw L:D ratio		20:1	20:1	24:1	20:1	20:1	24:1	20:1	20:1
Injection rate	g/s	56	79	83	114	148	82.1	124	155
Max. injection speed	mm/s	164					130		
Screw stroke	mm	135					170		
Screw speed (stepless)	r/min	0 - 320					0 ~ 267		
CLAMPING UNIT									
Clamping force	kN	900							
Platen size	mm	623 x 623							
Distance between tie-bars	mm	410 x 410							
Mould thickness (min-max)	mm	145 - 450							
Opening stroke	mm	360							
Max. daylight	mm	810							
Ejector force	kN	42							
Ejector stroke	mm	120							
Ejector number	PCS	5							
ELECTRICAL & HYDRAULIC UNITS									
Hydraulic system pressure	MPa	17.5							
Oil pump motor	kW	16.4							
Heating capacity	kW	4.8 / 5.5		6.9 / 7.8			9 / 10.1		
Number of temp control zones	kW	4		4			4		
GENERAL									
Dry cycle time	s	2.0							
Oil tank capacity	L	155							
Machine dimensions (LxWxH)	mm	4820 x 1660 x 1920							
Max. mould weight - moving	kg	540							
Max. mould weight - fixed	kg	270							
Machine weight	kg	3950							

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

