

UN120A5-EU Specifications



STANDARD FEATURES

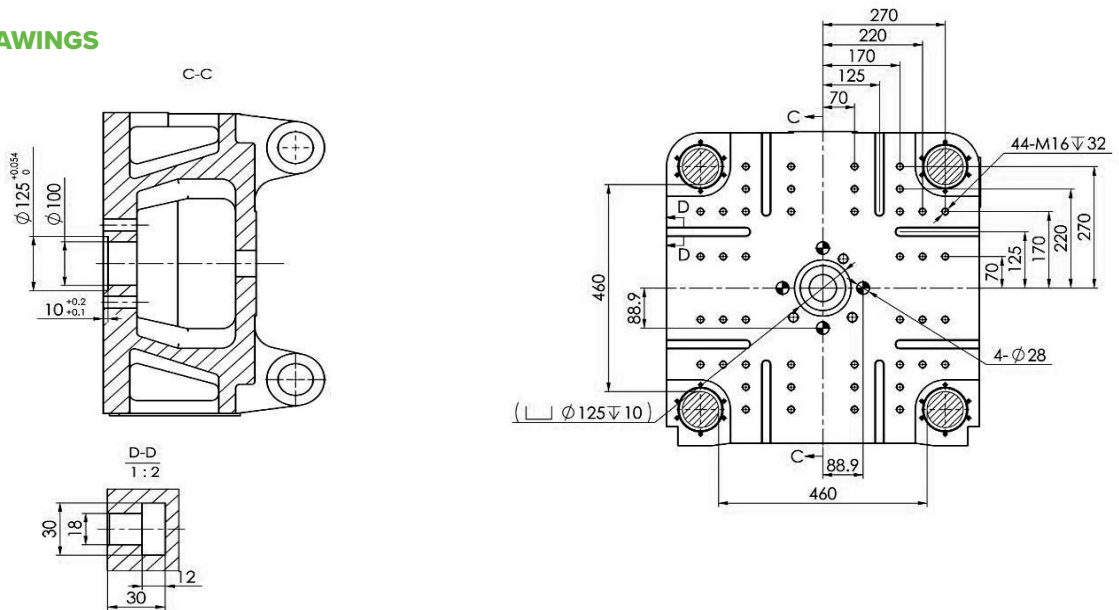
- › World famous Austrian made KEBA 1075 Microprocessor control
- › Control of oil temperature from the Keba controller
- › Oil level monitoring
- › Injection hold changeover by time, distance or pressure
- › Control of barrel throat temperature via the Keba controller
- › Semi-auto start button on a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

OPTIONAL FEATURES

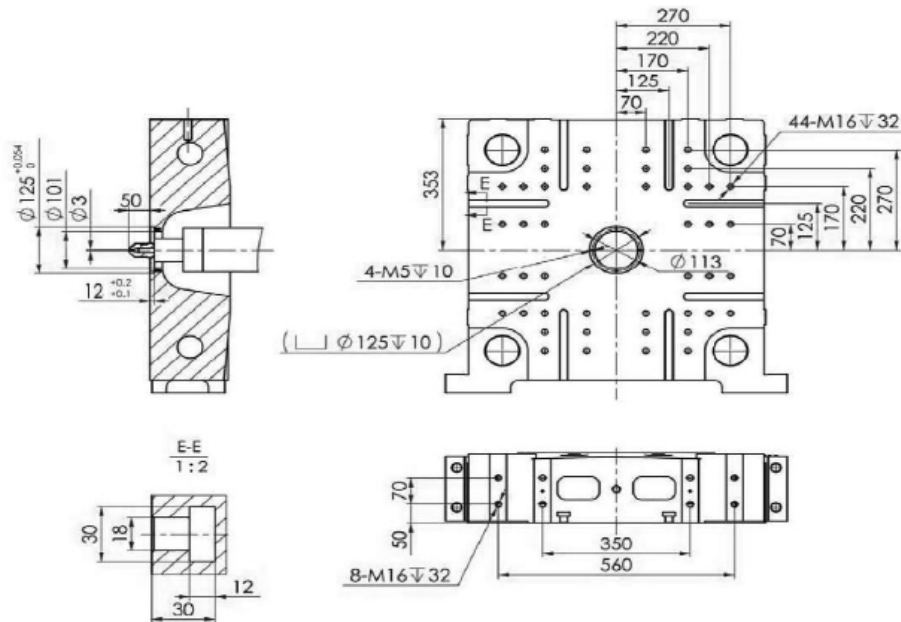
- › Increased clamping force
- › Increased / Decreased mould height
- › Hydraulic or pneumatic valve gate control
- › Integral hot runner control
- › Bi-metallic plasticising units
- › Infrared heater bands
- › Electric screw drive (220t - 700t)
- › Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- ›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

INJECTION UNIT		295/1200			420/1200			604/1200		
		A	B	C	A	B	C	A	B	C
Screw diameter	mm	30	35	40	35	43	48	43	48	53
Shot volume	cm ³	116.6	159	207	163.6	246.8	307.6	297.7	370.9	452.3
Shot weight (PS)	g	107	146	190.4	150.5	227.1	283	273.9	341.2	416.1
Injection pressure	MPa	252.8	185.6	142.2	256.9	170	136.7	203	162.9	133.6
Screw L:D ratio		24:1	20:1	20:1	24:1	20:1	20:1	22.3:1	20:1	20:1
Injection rate	g/s	99	135	177	105	158	197	124	154	188
Max. injection speed	mm/s		155			120			93.7	
Screw stroke	mm		165			170			205	
Screw speed (stepless)	r/min		0 ~ 317			0 - 271			0-235	
CLAMPING UNIT										
Clamping force	kN				1200					
Platen size	mm				690 x 690					
Distance between tie-bars	mm				460 x 460					
Mould thickness (min-max)	mm				160 - 520					
Opening stroke	mm				420					
Max. daylight	mm				940					
Ejector force	kN				42					
Ejector stroke	mm				140					
Ejector number	PCS				5					
ELECTRICAL & HYDRAULIC UNITS										
Hydraulic system pressure	MPa				17.5					
Oil pump motor	kW				17.6					
Heating capacity	kW	6.9 / 7.8			9 / 10.1			10.9 / 12.1		
Number of temp control zones	kW	4			4			4		
GENERAL										
Dry cycle time	s				2.4					
Oil tank capacity	L				220					
Machine dimensions (LxWxH)	mm				5350 x 1740 x 2020					
Max. mould weight - moving	kg				773					
Max. mould weight - fixed	kg				387					
Machine weight	kg				4800					

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

