

UN280A5-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
- Euromap 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.

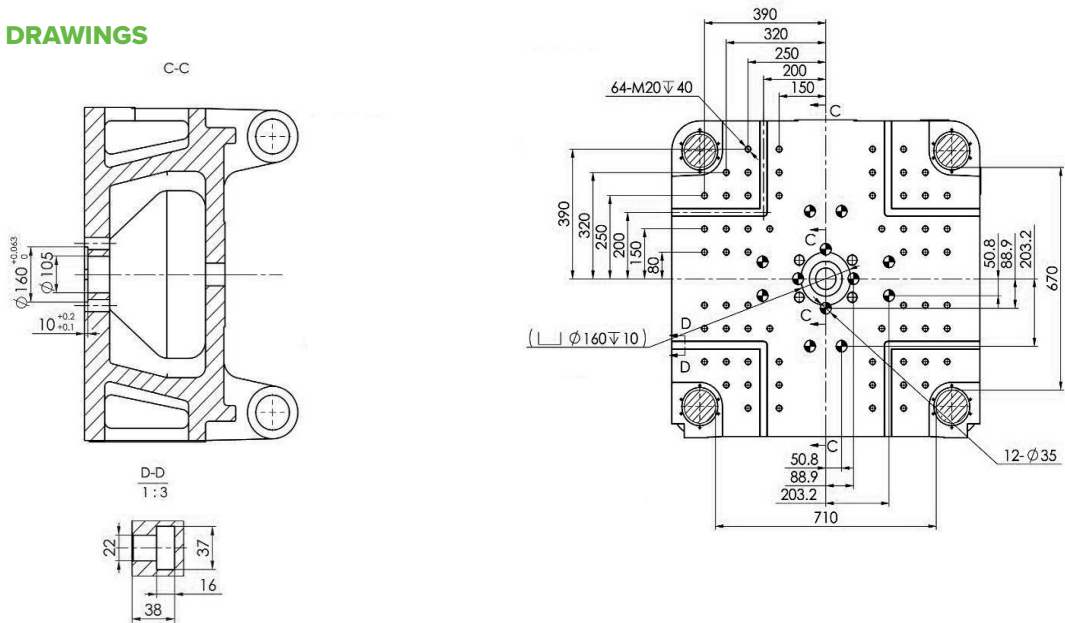


OPTIONAL FEATURES

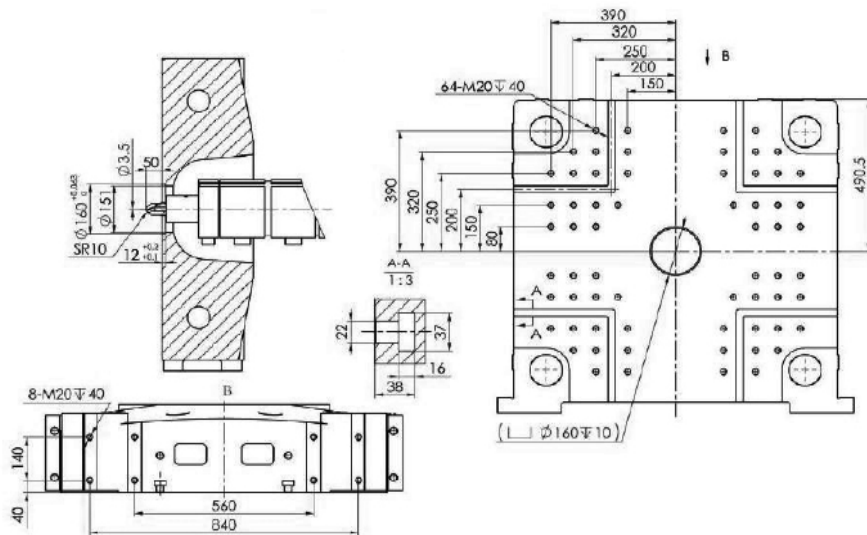
- Increased clamping force
- Increased / Decreased mould height
- Hydraulic or pneumatic valve gate control
- Integral hot runner control
- Bi-metallic plasticising units
- Infrared heater bands
- Electric screw drive (220t - 700t)
- Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- Accumulator injection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

INJECTION UNIT		895/2800			1269/2800			1885/2800		
		A	B	C	A	B	C	A	B	C
Screw diameter	mm	48	53	60	53	60	68	60	68	76
Shot volume	cm ³	425.5	518.4	664	584.6	749.3	962.4	834	1071.3	1338.2
Shot weight (PS)	g	391.2	476.9	610.9	537.8	689.4	885.4	767.3	985.6	1231.1
Injection pressure	MPa	210.7	172.8	134.8	217.1	169.4	131.8	226.2	176.1	141
Screw L:D ratio		22:1	20:1	20:1	22.6:1	20:1	20:1	22.6:1	20:1	20:1
Injection rate	g/s	254	306	393	244	313	402	235	302	377
Max. injection speed	mm/s		153			122			91.8	
Screw stroke	mm		235			265			295	
Screw speed (stepless)	r/min		0 ~ 333			0 ~ 250			0 ~ 200	
CLAMPING UNIT										
Clamping force	kN					2800				
Platen size	mm					990 x 950				
Distance between tie-bars	mm					710 x 670				
Mould thickness (min-max)	mm					220 - 660				
Opening stroke	mm					640				
Max. daylight	mm					1300				
Ejector force	kN					77				
Ejector stroke	mm					170				
Ejector number	PCS					13				
ELECTRICAL & HYDRAULIC UNITS										
Hydraulic system pressure	MPa					17.5				
Oil pump motor	kW					39.4				
Heating capacity	kW		14.4 / 16.8			16.6 / 19		22.2 / 24.6		
Number of temp control zones			5			5		5		
GENERAL										
Dry cycle time	s					3.2				
Oil tank capacity	L					445				
Machine dimensions (LxWxH)	mm					6960 x 2220 x 2500				
Max. mould weight - moving	kg					2100				
Max. mould weight - fixed	kg					1050				
Machine weight	kg					10700				

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

