

# 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.

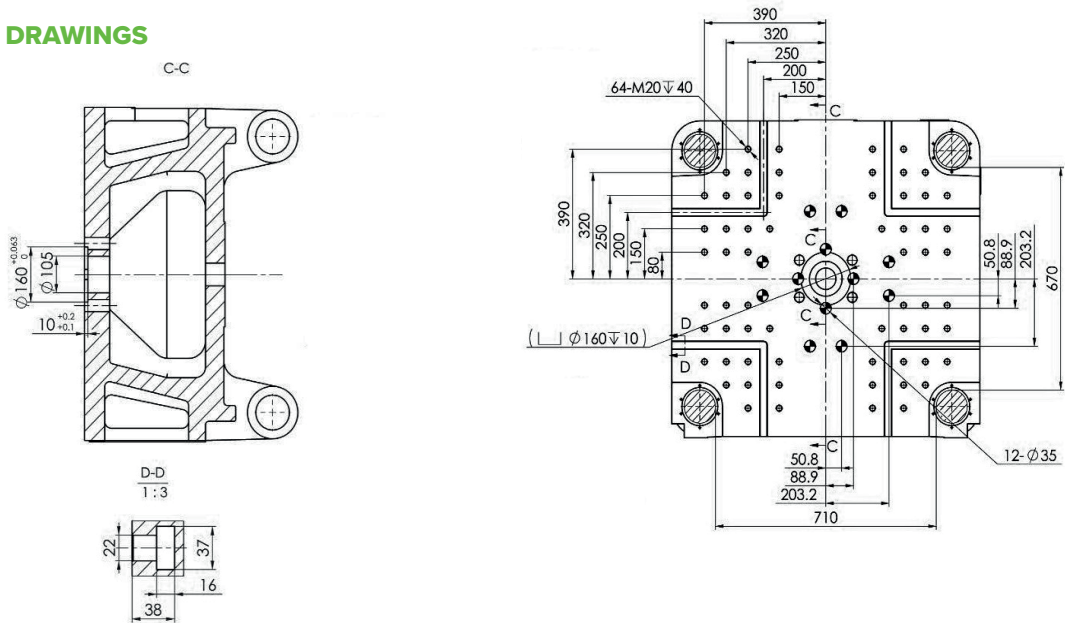


## OPTIONAL FEATURES

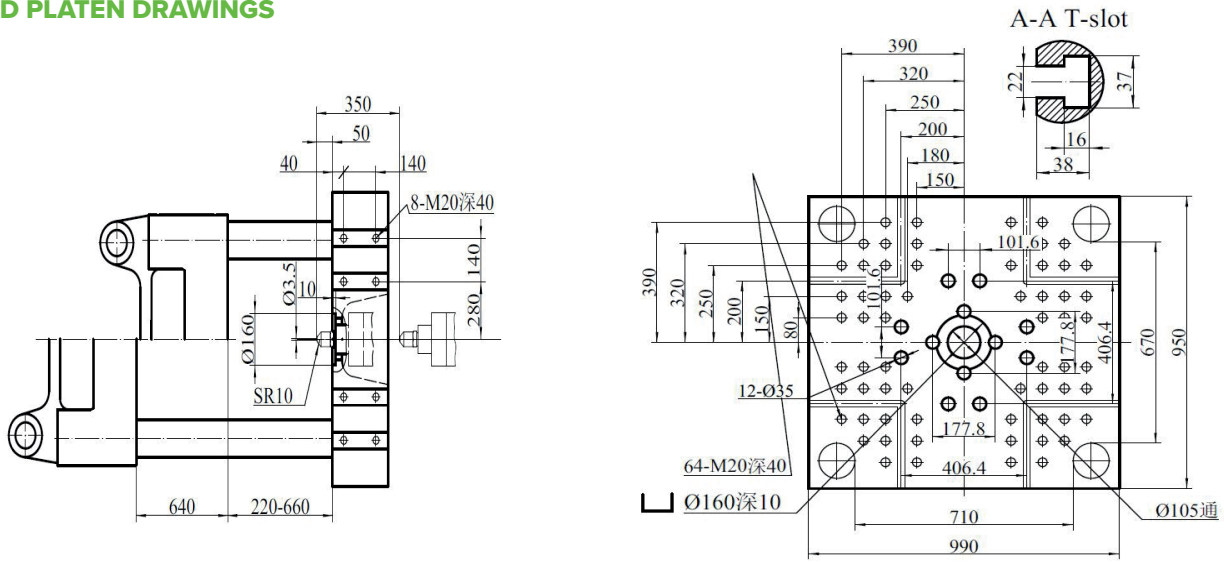
- › Increased clamping force
- › Increased / Decreased mould height
- › Hydraulic or pneumatic valve gate control
- › Integral hot runner control
- › Bi-metallic plasticising units
- › Infrared heater bands
- › Electric screw drive (220t - 700t)
- › Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- › 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 <sup>3</sup>	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

