

# UN480A5-EU Specifications



## STANDARD FEATURES

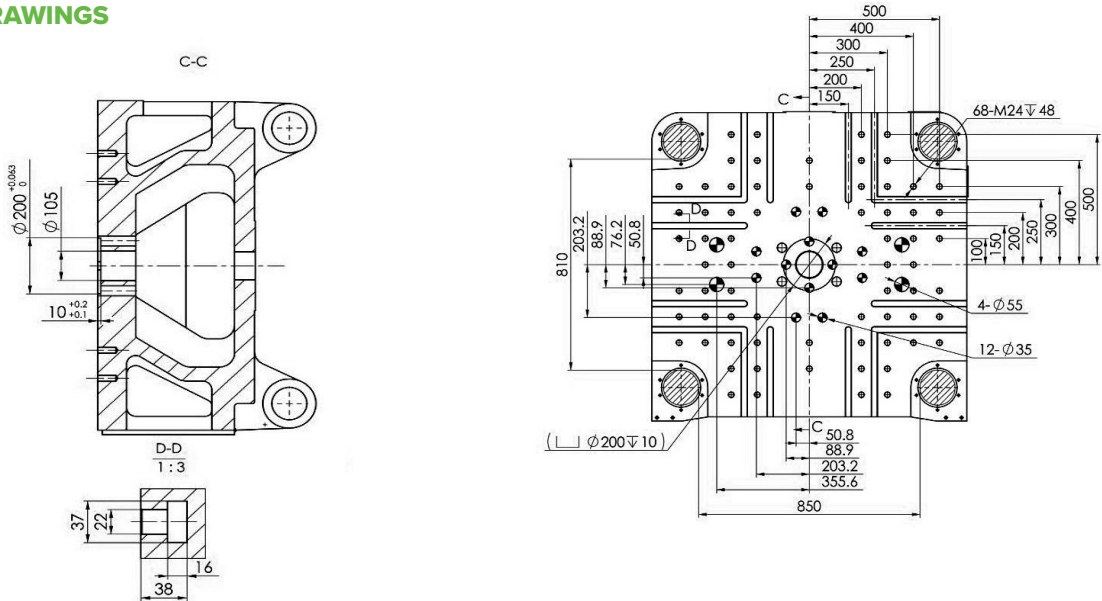
- World famous Austrian made KEBA 1075 Microprocessor control
- Control of oil temperature from the Keba controller
- Oil level monitoring
- Injection hold changeover by time, distance or pressure
- Control of barrel throat temperature via the Keba controller
- Semi-auto start button on a flying lead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

## OPTIONAL FEATURES

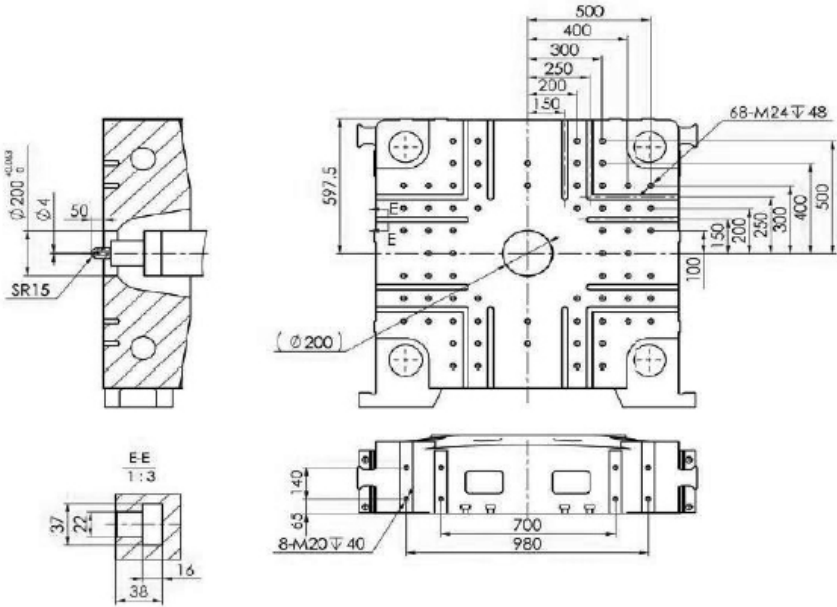
- Increased clamping force
- Increased / Decreased mould height
- Hydraulic or pneumatic valve gate control
- Integral hot runner control
- Bi-metallic plasticising units
- Infrared heater bands
- Electric screw drive (220t - 700t)
- Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- Accumulator injection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

INJECTION UNIT		2693/4800			3330/4800			4820/4800		
		A	B	C	A	B	C	A	B	C
Screw diameter	mm	68	76	84	76	84	100	84	92	108
Shot volume	cm <sup>3</sup>	1198.4	1497	1828.8	1678.5	2050.5	2905	2216.7	2659	3664
Shot weight (PS)	g	1102.5	1377.2	1682.5	1544.2	1886.5	2673	2039.4	2446.3	3371
Injection pressure	MPa	224.8	179.9	147.3	198.6	162.5	114.6	217.6	181.4	131
Screw L:D ratio		22.3:1	20:1	20:1	22.1:1	20:1	20:1	21.9:1	20:1	20:1
Injection rate	g/s	330	412	503	378	462	544	342	410	565
Max. injection speed	mm/s		100			91			68	
Screw stroke	mm		330			370			400	
Screw speed (stepless)	r/min		0 ~ 175			0 - 140			0 ~ 117	
CLAMPING UNIT										
Clamping force	kN	4800								
Platen size	mm	1210 x 1170								
Distance between tie-bars	mm	850 x 810								
Mould thickness (min-max)	mm	330 - 850								
Opening stroke	mm	850								
Max. daylight	mm	1700								
Ejector force	kN	166								
Ejector stroke	mm	220								
Ejector number	PCS	17								
ELECTRICAL & HYDRAULIC UNITS										
Hydraulic system pressure	MPa	17.5								
Oil pump motor	kW	60								
Heating capacity	kW	26.4 / 30.9			33.1 / 43			38 / 47		
Number of temp control zones		6			6			6		
GENERAL										
Dry cycle time	s	5.5								
Oil tank capacity	L	760								
Machine dimensions (LxWxH)	mm	9070 x 2400 x 2490								
Max. mould weight - moving	kg	4000								
Max. mould weight - fixed	kg	2000								
Machine weight	kg	18500								

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

