

UN420A5-EU Specifications



STANDARD FEATURES

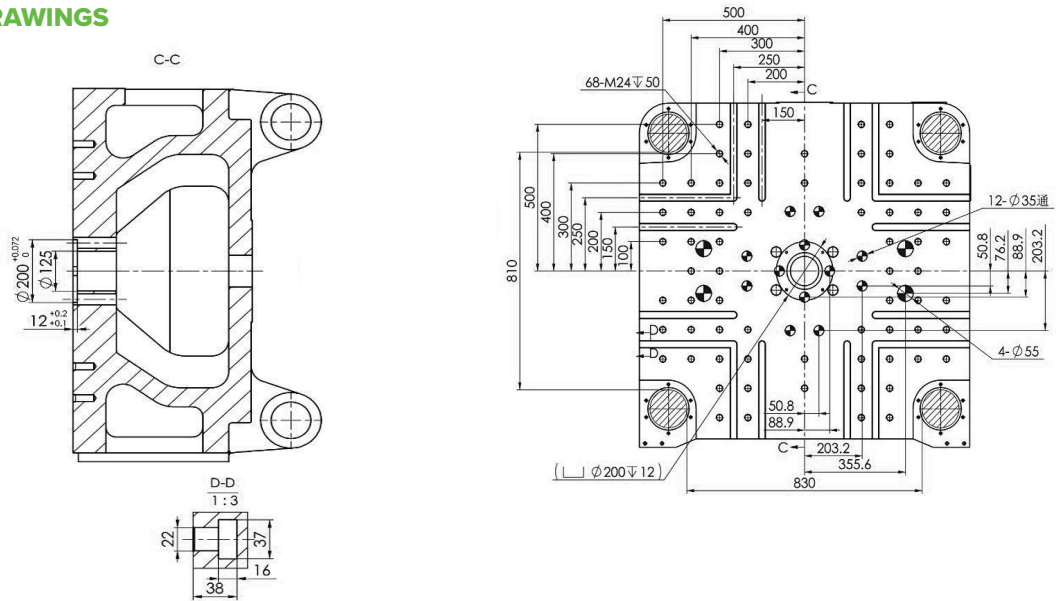
- › World famous Austrian made KEBA 1075 Microprocessor control
- › Control of oil temperature from the Keba controller
- › Oil level monitoring
- › Injection hold changeover by time, distance or pressure
- › Control of barrel throat temperature via the Keba controller
- › Semi-auto start button on a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

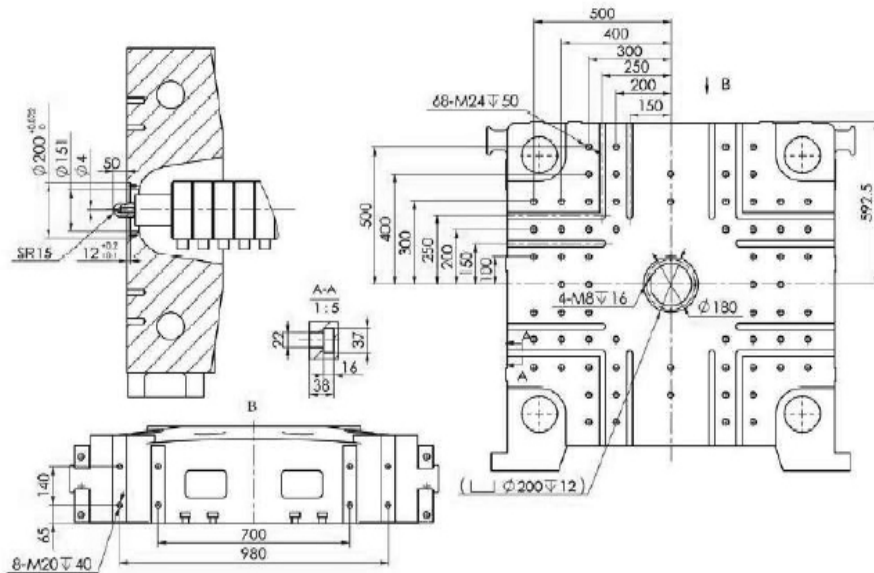
- › Increased clamping force
- › Increased / Decreased mould height
- › Hydraulic or pneumatic valve gate control
- › Integral hot runner control
- › Bi-metallic plasticising units
- › Infrared heater bands
- › Electric screw drive (220t - 700t)
- › Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- ›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

INJECTION UNIT		1885/4200			2693/4200			3330/4200		
		A	B	C	A	B	C	A	B	C
Screw diameter	mm	60	68	76	68	76	84	76	84	92
Shot volume	cm ³	834	1071.3	1338.2	1198.4	1497	1828.9	1678.5	2050.5	2459.6
Shot weight (PS)	g	767.3	985.6	1231.1	1102.5	1377.2	1682.5	1544.2	1886.5	2262.8
Injection pressure	MPa	226.2	176.1	141	224.8	179.9	147.3	198.6	162.5	135.5
Screw L:D ratio		22.6:1	20:1	20:1	22.3:1	20:1	20:1	22.1:1	20:1	20:1
Injection rate	g/s	328	422	527	330	412	503	378	462	544
Max. injection speed	mm/s		128			100			91	
Screw stroke	mm		295			330			370	
Screw speed (stepless)	r/min		0 ~ 280			0 ~ 175			0 ~ 140	
CLAMPING UNIT										
Clamping force	kN	4200								
Platen size	mm	1165 x 1145								
Distance between tie-bars	mm	830 x 810								
Mould thickness (min-max)	mm	260 - 810								
Opening stroke	mm	780								
Max. daylight	mm	1590								
Ejector force	kN	110								
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	22.2 / 24.6			26.4 / 30.9			33.1 / 36.2		
Number of temp control zones		5			6			6		
GENERAL										
Dry cycle time	s	4.5								
Oil tank capacity	L	760								
Machine dimensions (LxWxH)	mm	8770 x 3920 x 2490								
Max. mould weight - moving	kg	3600								
Max. mould weight - fixed	kg	1800								
Machine weight	kg	18000								

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

