

UN60A6-EU Specifications

STANDARD FEATURES

- Latest generation energy efficient servo system
- Energy recovery/regeneration technology
- World famous Austrian made KEBA i2985 Microprocessor control
- Bi-metallic plasticising unit
- Double core pull
- Euromap 67 robot interface
- Remote access support
- Electric screw drive
- 'Intelligent' management of mould opening, clamp force and energy usage
- Maintenance monitoring
- 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, seals, valves & switchgear
- Caterpillar cooling water supply to moving platen
- Socket & dummy plug for dosing signal
- Bypass oil filtration
- Back pressure controlled by proportional valve
- Water manifold with 6 circuits
- 2 x air-blast circuits fitted with pneumatic valves fitted
- 2 x UK style 13 amp sockets
- Industry 4.0 ready
- Ejector safety circuit
- Oil preheating circuit
- CE certification
- Anti-vibration mounts
- Spares package
- Tool kit & mould clamps
- 3 x auxillary three phase sockets.

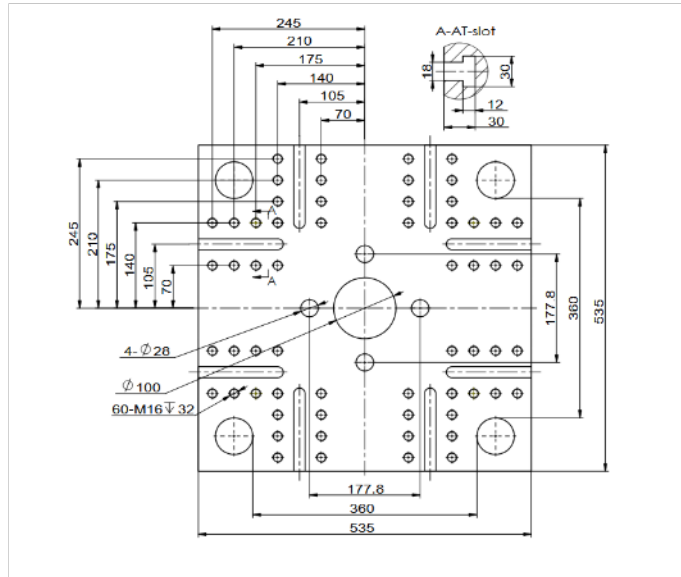


➤ OPTIONAL FEATURES

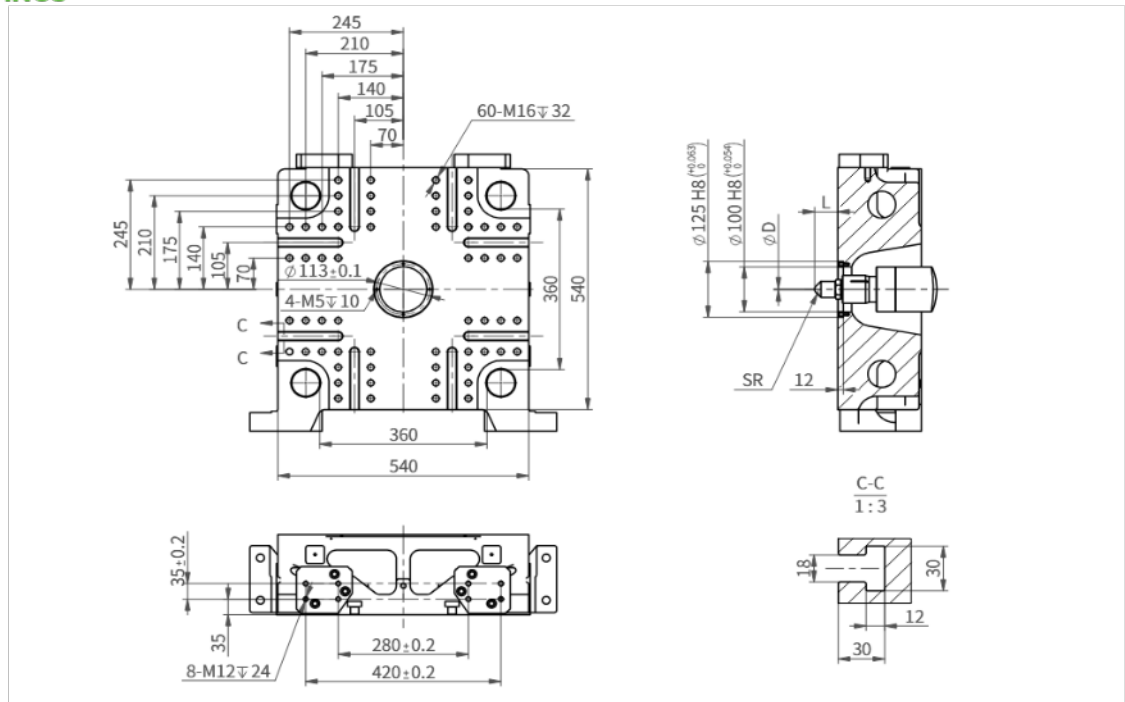
- Increased clamping force
- Increased / Decreased mould height
- Hydraulic or pneumatic valve gate control
- Integral hot runner control
- Infrared heater bands
- Hydraulic screw drive
- Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- Accumulator injection
- Liquid silicone rubber conversion
- Robots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

INJECTION UNIT		310/600		
		A	B	C
Screw diameter	mm	30	35	40
Shot volume	cm ³	117	159	207
Shot weight (PS)	g	107	146	191
Injection pressure	MPa	267	196	150
Screw L:D ratio		24:1	20:1	20:1
Injection rate	g/s	69.6	94.7	123.7
Max. injection speed	mm/s	107		
Screw stroke	mm	165		
Screw speed (electric)	r/min	0 - 350		
CLAMPING UNIT				
Clamping force (max)	kN	600 (900)		
Platen size	mm	535 x 535		
Distance between tie-bars	mm	360 x 360		
Mould thickness (min-max)	mm	130 - 380		
Opening stroke	mm	330		
Max. daylight	mm	710		
Ejector force	kN	29		
Ejector stroke	mm	100		
Ejector number	PCS	5		
ELECTRICAL & HYDRAULIC UNITS				
Max. system pressure	MPa	18.5		
Pump Motor Power	kW	17.8		
Heating Power	kW	6.9 / 6.9 / 7.8		
Plasticising motor power	kW	17		
Number of temp control zones	kW	5		
GENERAL				
Dry cycle time	s	1.8		
Oil tank capacity	L	150		
Machine dimensions (LxWxH)	mm	4290 x 1370 x 1920		
Max. mould weight - moving	kg	360		
Max. mould weight - fixed	kg	180		
Machine weight	kg	3400		

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

