

UN30A5-EU Specifications



STANDARD FEATURES

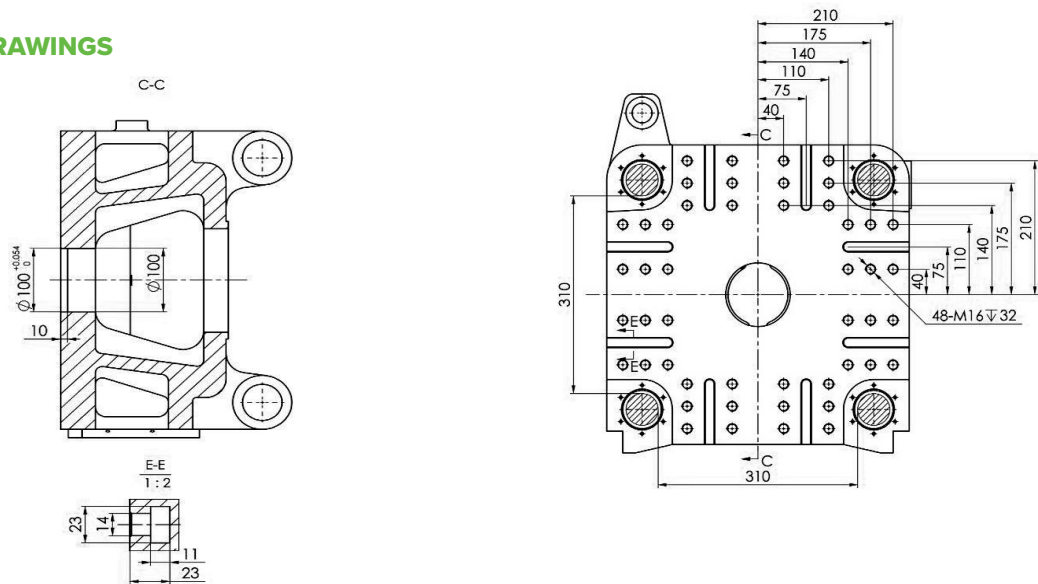
- › World famous Austrian made KEBA 1075 Microprocessor control
- › Control of oil temperature from the Keba controller
- › Oil level monitoring
- › Injection hold changeover by time, distance or pressure
- › Control of barrel throat temperature via the Keba controller
- › Semi-auto start button on a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

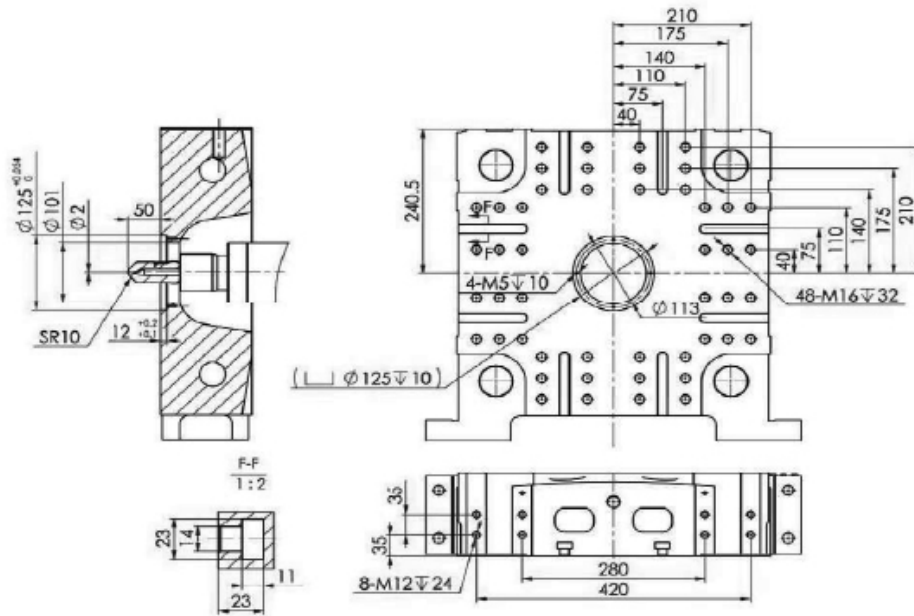
- › Increased clamping force
- › Increased / Decreased mould height
- › Hydraulic or pneumatic valve gate control
- › Integral hot runner control
- › Bi-metallic plasticising units
- › Infrared heater bands
- › Electric screw drive (220t - 700t)
- › Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- ›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

| INJECTION UNIT | | 190/300 | | 295/300 | | |
|------------------------------|--------------------|--------------------|------|-----------|-------|-------|
| | | A | B | A | B | C |
| Screw diameter | mm | 22 | 26 | 30 | 35 | 40 |
| Shot volume | cm ³ | 51.2 | 71.6 | 116.6 | 159 | 207 |
| Shot weight (PS) | g | 47 | 65.9 | 107 | 146 | 190.4 |
| Injection pressure | MPa | 373 | 267 | 252.8 | 185.6 | 142.2 |
| Screw L:D ratio | | 20:1 | 20:1 | 24:1 | 20:1 | 20:1 |
| Injection rate | cm ³ /s | 42.5 | 59.4 | 69.6 | 94.8 | 123.5 |
| Max. injection speed | mm/s | 123 | | 107 | | |
| Screw stroke | mm | 135 | | 165 | | |
| Screw speed (stepless) | r/min | 0 - 230 | | 0 - 219 | | |
| CLAMPING UNIT | | | | | | |
| Clamping force | kN | 300 | | | | |
| Platen size | mm | 470 x 470 | | | | |
| Distance between tie-bars | mm | 310 x 310 | | | | |
| Mould thickness (min-max) | mm | 120 - 330 | | | | |
| Opening stroke | mm | 260 | | | | |
| Max. daylight | mm | 590 | | | | |
| Ejector force | kN | 22 | | | | |
| Ejector stroke | mm | 60 | | | | |
| Ejector number | PCS | 1 | | | | |
| ELECTRICAL & HYDRAULIC UNITS | | | | | | |
| Hydraulic system pressure | MPa | 17.5 | | | | |
| Oil pump motor | kW | 11 | | | | |
| Heating capacity | kW | 4.8 / 5.5 | | 6.9 / 7.8 | | |
| Number of temp control zones | | 4 | | 4 | | |
| GENERAL | | | | | | |
| Dry cycle time | s | 1.6 | | | | |
| Oil tank capacity | L | 130 | | | | |
| Machine dimensions (LxWxH) | mm | 4220 x 1510 x 1840 | | | | |
| Max. mould weight - moving | kg | 227 | | | | |
| Max. mould weight - fixed | kg | 113 | | | | |
| Machine weight | kg | 2700 | | | | |

MOVING PLATEN DRAWINGS



FIXED PLATEN DRAWINGS



MACHINE DIMENSIONS

