

# UN220A5-EU Specifications



## STANDARD FEATURES

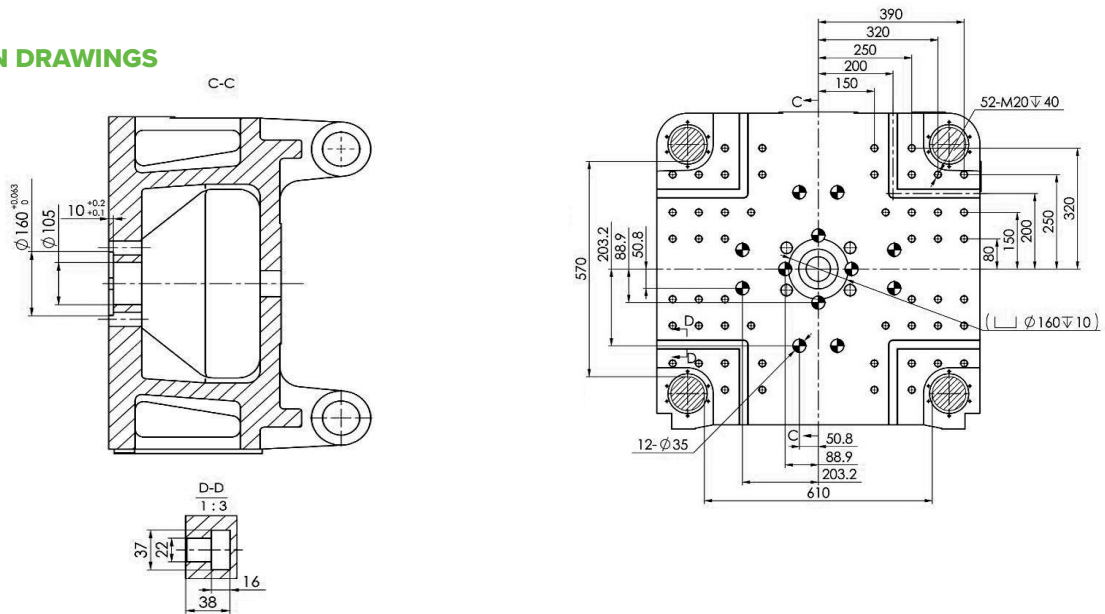
- › World famous Austrian made KEBA 1075 Microprocessor control
- › Control of oil temperature from the Keba controller
- › Oil level monitoring
- › Injection hold changeover by time, distance or pressure
- › Control of barrel throat temperature via the Keba controller
- › Semi-auto start button on a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

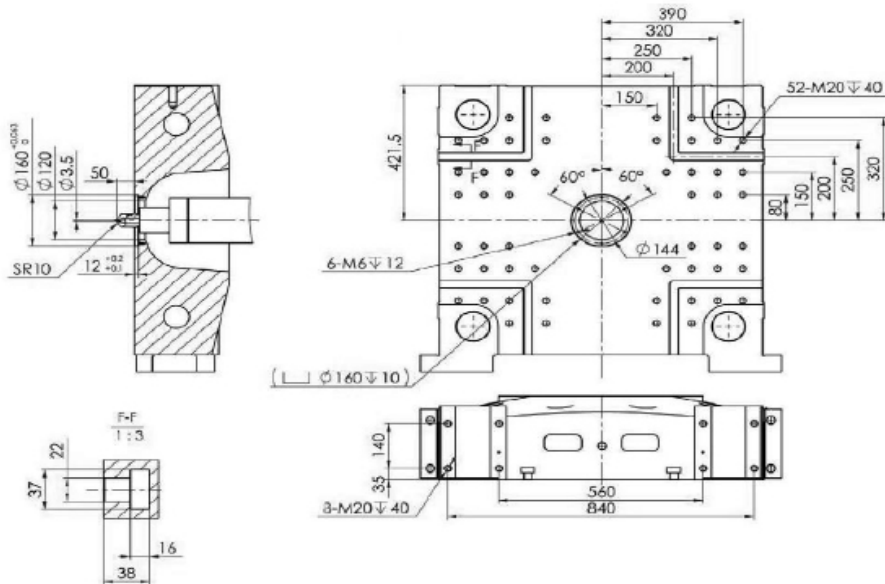
- › Increased clamping force
- › Increased / Decreased mould height
- › Hydraulic or pneumatic valve gate control
- › Integral hot runner control
- › Bi-metallic plasticising units
- › Infrared heater bands
- › Electric screw drive (220t - 700t)
- › Screw designs for PET, PA, PC, PMMA, TPU, UPVC.
- ›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

INJECTION UNIT		604/2200			895/2200			1269/2200		
		A	B	C	A	B	C	A	B	C
Screw diameter	mm	43	48	53	48	53	60	53	60	68
Shot volume	cm <sup>3</sup>	297.7	370.9	452.3	425.2	518.4	664	584.6	749.3	962.4
Shot weight (PS)	g	273.9	341.2	416.1	391.2	476.9	610.9	537.8	689.4	885.4
Injection pressure	MPa	203	162.9	133.6	210.7	172.8	134.8	217.1	169.4	131.8
Screw L:D ratio		22.3:1	20:1	20:1	22:1	20:1	20:1	22.6:1	20:1	20:1
Injection rate	g/s	171	213	260	164	200	256	160.3	205.5	263.9
Max. injection speed	mm/s		130			100			79	
Screw stroke	mm		205			235			265	
Screw speed (stepless)	r/min		0 ~ 327			0 ~ 218			0 - 162	
CLAMPING UNIT										
Clamping force	kN	2200								
Platen size	mm	865 x 825								
Distance between tie-bars	mm	610 x 570								
Mould thickness (min-max)	mm	195 - 610								
Opening stroke	mm	530								
Max. daylight	mm	1140								
Ejector force	kN	77								
Ejector stroke	mm	160								
Ejector number	PCS	13								
ELECTRICAL & HYDRAULIC UNITS										
Hydraulic system pressure	MPa	17.5								
Oil pump motor	kW	28.7								
Heating capacity	kW	10.9 / 12.1			14.4 / 16.8			16.6 / 19		
Number of temp control zones		4			5			5		
GENERAL										
Dry cycle time	s	2.8								
Oil tank capacity	L	335								
Machine dimensions (LxWxH)	mm	6420 x 2010 x 2390								
Max. mould weight - moving	kg	1440								
Max. mould weight - fixed	kg	720								
Machine weight	kg	7900								

## MOVING PLATEN DRAWINGS



## FIXED PLATEN DRAWINGS



## MACHINE DIMENSIONS

