

# UN120A5 Specifications

## 420/1200



### 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 with pneumatic valves fitted
- Double core pull
- Euomap 67 interface
- Ejector safety circuit
- Oil preheating circuit
- Servo motor energy saving pump system
- CE certification
- Anti-vibration mounts
- Spares package
- Tool kit & mould clamps
- 3 off auxillary three phase sockets

### INJECTION UNIT

Screw designation		A	B	C
Shot volume	cm <sup>3</sup>	163.6	246.8	307.6
Shot weight	g	150.5	227.1	283
	oz	5.3	8	10
Screw diameter	mm	35	43	48
Injection pressure	MPa	256.9	170	136.7
Injection rate	g/s	82.1	124	155
Screw L:D ratio		24:1	20:1	20:1
Max. injection speed	mm/s	94		
Screw stroke	mm	170		
Screw speed (stepless)	r/min	0-228		

### CLAMP UNIT

Clamping force	kN	1200	
Opening Stroke	mm	360	
Space between tie bars	mm	410 x 410	
Max. Daylight	mm	810	
Mould thickness (min-max)	mm	145 - 450	
Ejector stroke	mm	120	
Ejector push rod number		5	
Ejector force	kN	42	

### POWER UNIT

Hydraulic system pressure	MPa	17.5	
Pump motor	kW	16	
Heating capacity	kW	9 / 10.1	
Number of temp control zones		4	

### GENERAL

Dry cycle time	s	2	
Oil tank capacity	L	155	
Machine dimensions (LxWxH)	m	4.82 x 1.30 x 1.92	
Machine weight	kg	4000	

