

# babyplast LSR



Injection micro-moulding machine for LSR



# The smallest injection moulding machine for LSR

Micro-injection moulding machine for LSR

**MAXIMUM performance MINIMUM space**

## Three Configurations

The Babyplast LSR machine reduces the costs for equipment and moulds. It can be supplied in three different configurations:

- Cartridge system with a premixed 0.5 Kg cartridge;
- Loader mixer system with two 1 Kg cartridges (A+B components);
- Loader mixer system system for two 20 Kg containers (A+B components).

## Precision

With Babyplast 6/10P LSR it is possible to obtain very precise parts, thanks to the reduced diameter of the injection piston (12,14,16,18mm) which gives the possibility to inject accurately and constantly very small grammes of material. It is also possible to move the injection unit off centre so as to obtain the best position for injection.



## User Friendly

- Touch screen colour display
- Easy to consult pages and user friendly display
- Handles and stores over 100 tool settings
- Back-up on USB memory drive
- Record of last 20 cycles
- Ethernet connections: modbus TCP

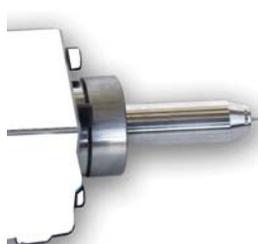
LSR injection group



LSR pieces



LSR Pneumatic shuttle nozzle



LSR pieces





### 0,5 Kg CARTRIDGE PREMIX

- 0.5 Kg cartridge system with pre-mixed material
- It does not require a loader mixer to be installed on the machine
- A unique Babyplast solution that allows those, who already own a loader mixer with which to fill the small cartridges, to produce small batches or samples at low costs

### 1 Kg CARTRIDGES (A+B)

- Pneumatic loader mixer with two 1 Kg cartridges for two components (A and B)
- Allows the use of Babyplast LSR with an autonomy of approx. 7-8 hours of production
- Optional colouring system
- Small mixer chamber with disposable mixing elements



### 20 Kg CONTAINERS (A+B)

- Pneumatic loader mixer for two components (A and B) with 20 Kg containers
- Allows the use of Babyplast LSR with an autonomy of a few days of production
- Optional colouring cartridge

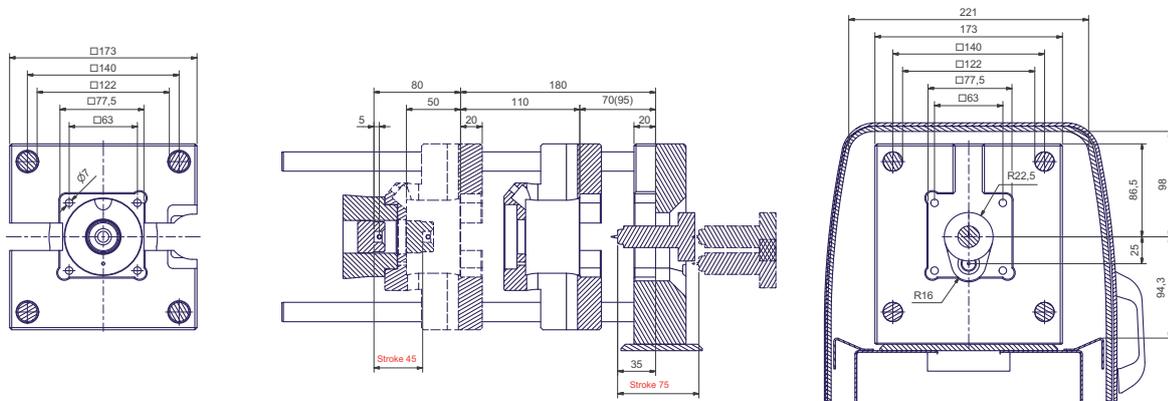


# 610P LSR

## Technical Data

Micro-injection moulding machine 6/10P LSR

### Dimensions of machine platens



PISTON DIAMETER	mm	10	12	14	16	18
VOLUME	cm <sup>3</sup>	4,7	6,8	9,2	12	15
INJECTION PRESSURE	bar	2.025	1.830	1.340	1.030	815
POWER CONSUMPTION	kW	3				
CLAMPING FORCE	kN	62				
OPENING FORCE	kN	4				
OPENING STROKE	mm	110				
EJECTOR FORCE	kN	7,5				
EJECTOR STROKE	mm	50				
HYDRAULIC PRESSURE	bar	130				
OIL TANK CAPACITY	L	15				
DRY CYCLE	sec	2,4				
NOISE LEVEL	db	<70				
WEIGHT	kg	150				
POWER SUPPLY		3 ~ 400V. 50/60 Hz. + Neutral + Earth 3 ~ 230V. 50/60 Hz. + Earth 1 ~ 230V. 50/60 Hz. + Earth				

Drawing is not to scale

updated 19/11/2015

We reserve the right to make modifications at any time