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**AGILE, ROBUST,  
SMART LAB SYSTEM.  
SUSTAINABILITY AND RESILIENCE.**

## MINI PLASTIC INJECTION MOULDING MACHINE

### Standards

**EN ISO 20430:2020  
ISO 10724-1:1998  
BS EN 201**

The whole machine is small in size, light in weight, easy to move, install and use, suitable for one mold, 1-10 grams of product injection.



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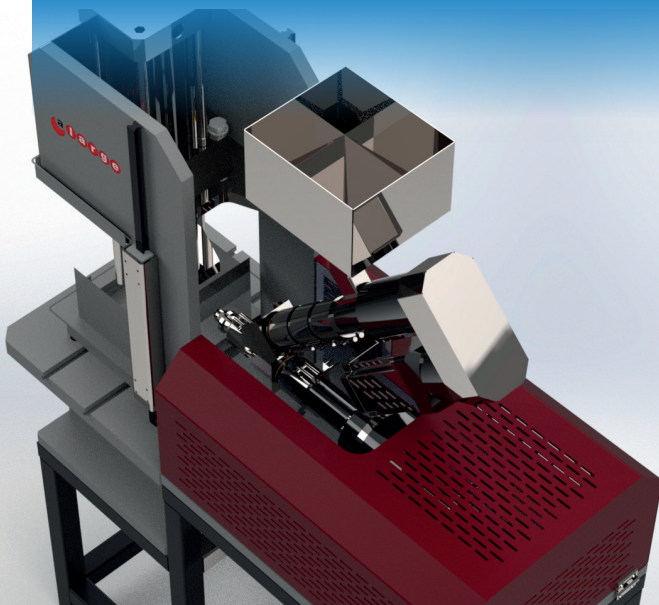
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## TECHNICAL SPECIFICATIONS

- PLC control
- Servo motor driven system which can control more precision and accuracy
- Very quiet motor pump controlled by an inverter
- Cooling circuit
- PID temperature control
- 4 temperature control zones with differentiated mould temperature adjustment (moving and fixed half)
- Pressure control with electronic transducer
- Injection and clamp position controlled with linear transducers
- 7" touch screen control
- Proportional hydraulics
- Low running costs – installed power 3 kW – cooling approximately 120 l/h
- 60 cm<sup>3</sup> Theoretical Shot Volume



## PLASTIC PROCESSING:

- ✓ PE, PP, PVC, ABS, PET, PPRC, PC
- ✓ Horizontal style
- ✓ Full Automatic and Semi Automatic mode
- ✓ The touch screen to start and stop the machine, adjust settings and monitor progress in real time.
- ✓ Temperature tolerance band
- ✓ Hydraulic ejection with ejector return sensor
- ✓ Mold clamping system Unique crank arm mechanical structure system which can enhance the mold clamping force

