

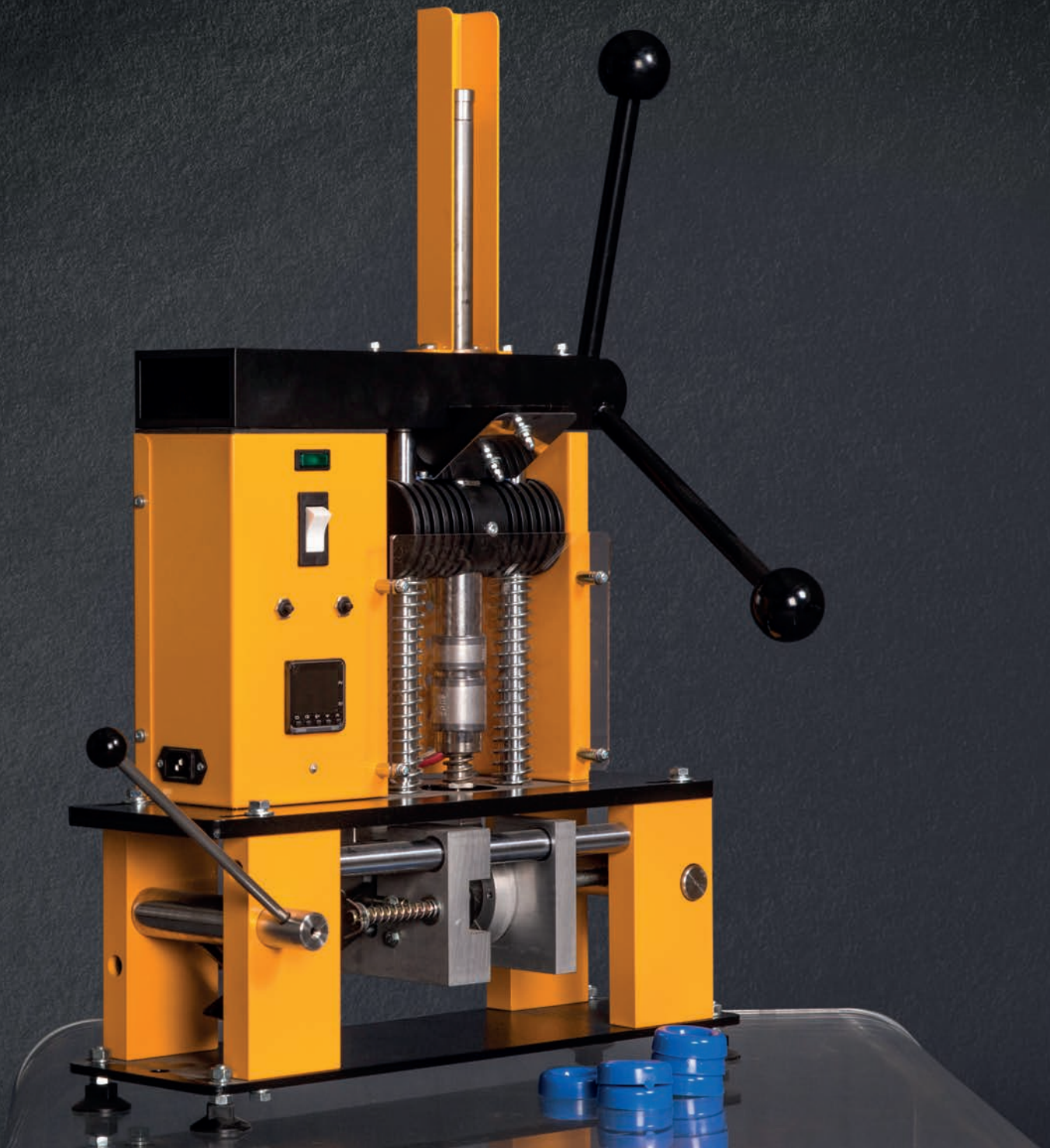


CR Clarke

Technology for Today's Plastics

Product Data Sheet

25 Injection Moulder



25 Injection Moulder

The 25 is ideal for both education and small-batch industrial production, providing a clear demonstration of injection moulding principles while producing high quality mouldings.

A mould is fitted into the adjustable vice in the lower section of the machine. Material to be injected is loaded into the hopper at the top of the temperature controlled heating barrel. Once heated, the material is injected into the mould cavity by rotating the capstan handle. The injected material is allowed to cool, and then the vice is opened. An integrated stripper plate allows mouldings to be released automatically should the mould be fitted with suitable ejector pins. The completed moulding is immediately ready for use. The machine can be used both for single pieces and for continuous manufacturing.

The 25 Injection Moulder will process many common thermoplastic materials including Polystyrene, LDPE, HDPE, Polypropylene and Nylon, and comes complete with a mould for a contoured wheel. Other moulds are available as follows: Paperclip, Golf Tee and Tool Handle.

Blanks are also available to allowing the user to create their own mould designs.

Specifications

| | | |
|-----------------------|-------------------|--------------|
| Voltage | 230V 50-60Hz | 115V 50-60Hz |
| Max Current | 2 Amps | 4 Amps |
| Mould Diameter | 75mm | |
| Max Mould Length | 95mm | |
| Max Shot Weight (typ) | 20 grammes | |
| Max Shot Volume | 80cm ³ | |
| Typical Cycle Time | 45 seconds | |
| Dwell between Cycles | 45 seconds | |
| Max No of Cycles/Hour | 40 | |
| Dimensions (Packed) | 770 x 670 x 220mm | |
| Weight (Bare Machine) | 29kg | |
| Weight (Packed) | 31kg | |

Machine Dimensions (mm)

