

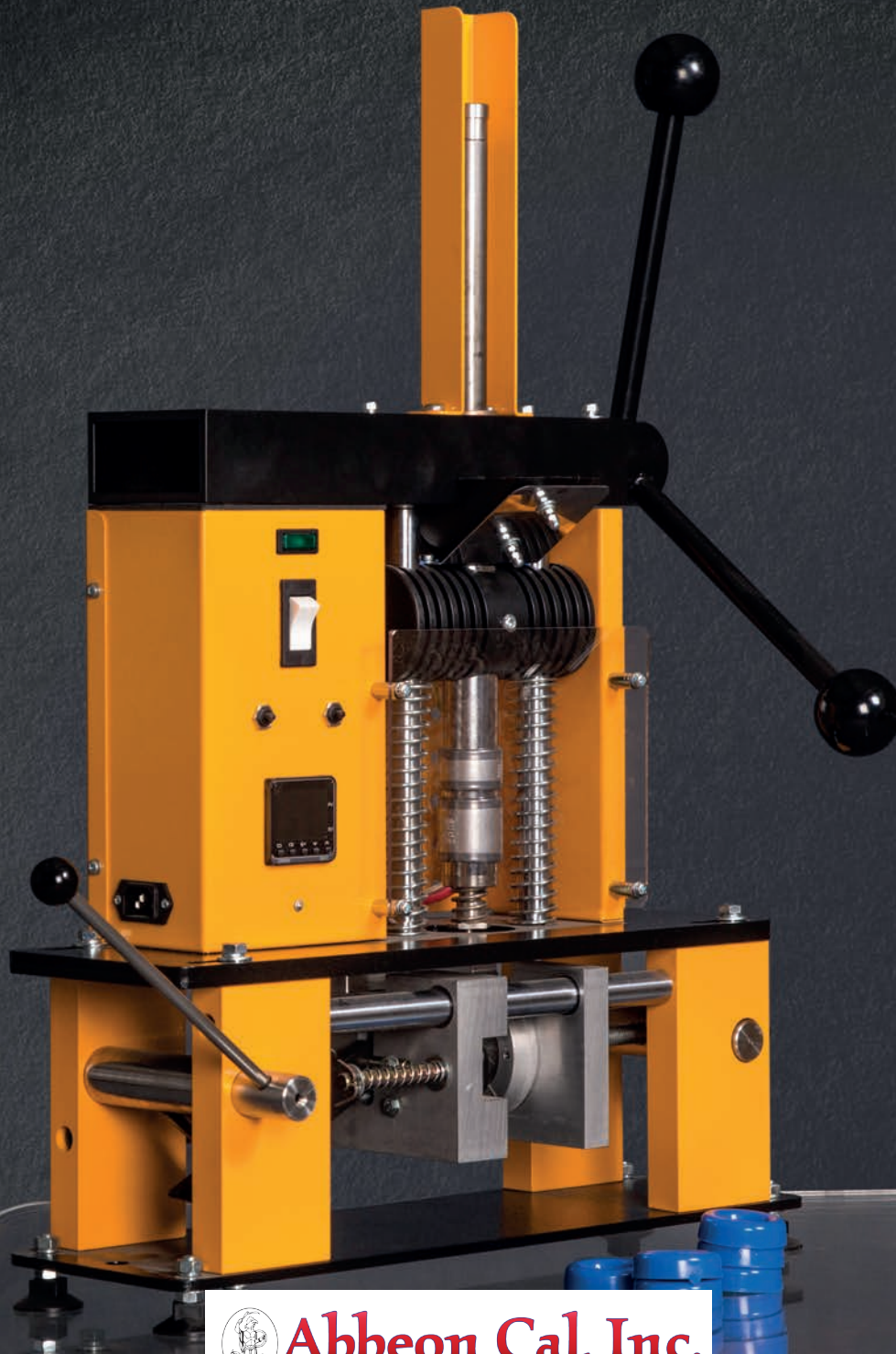


CR Clarke

Technology for Today's Plastics

Product Data Sheet

25 Injection Moulder



Abbeon Cal, Inc.
Industrial Plastic Working Equipment & Precision Instruments

Abbeon Cal, Inc., 1363 Donlon Street Unit 1, Ventura, CA 93003-8387
800-922-0977 www.abbeon.com. E-mail: abbeoncal@abbeon.com

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)

