

MAJOR B.M.A. MODEL

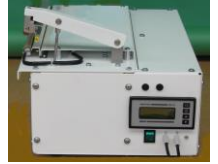


**SEMI AUTOMATIC
PNEUMATICALLY OPERATED
HEAVY DUTY
IMPULSE SEALING MACHINE**

MAJOR B.M.A.

A heavy duty semi-automatic model of impulse heat sealing machine designed for heavy continuous use. Pneumatically operated, the Major B.M.A. is made for applications where there is a need for repeatable high quality seals and also removes operator control over the seal cycle. The machine is offered primarily to seal wider sections of heavy gauge polythene's, co-extruded and laminated thermoplastic films e.g. Nylon/poly, Polyester/poly, etc. Available in a range of sizes with either one of both sealing jaws being heated. As standard the Major B.M.A. is supplied with an electronic two stage adjustable timer, this controls the heat and cool (dwell) cycle times.

NOTE; If films to be sealed are critical on temperature settings an advanced processor based controller can be fitted in place of the standard timers. Its digital display allows actual impulse temperature to be set for repeatable high quality seals. This digital information is also used for medical packaging applications where data is recorded to validate (see inset photo).



Major B.M.A. is manufactured as a robust table top sealer but can be supplied with an optional floor stand. All the machine mechanisms, pneumatics, electrics and controls are housed within the unit. The pneumatic circuit incorporates a low pressure safety system, this allows the sealing jaws to close by low pressure air only (until fully closed). This low pressure circuit removes the risk of accidental injury to the operator whilst the jaws are closing, only when fully closed on the film can the heat and high pressure required to make seal be activated.

Operation is simple by use of an electric foot switch (Note a push button version available on request). Sealing is initiated when jaws are closed on the film, jaws open automatically once the seal cycle is complete.

The standard finish of the sealer is hard wearing epoxy powder coat - colour white. The Major B.M.A. also available in stainless steel, special versions of the machine can be supplied for a more aggressive environments, powders high moisture, etc up to IP65 levels of ingress.



FEATURES

Low pressure safety circuit.
Spring tensioned heating element.
Semi-automatic.
Silent in operation
Soft Jaw closing

OPTIONS

Single or both jaws heated.
Manual rear mounted heavy duty safety trimmer.
6/8 mm wide seal (depending on application).
Microprocessor temperature and weld cycle controller (see separate brochure).

Stainless Steel & IP54/65 Versions.

ACCESSORIES

Height adjustable floor stand.
Product support tray / table.
Rear film clamp.
Film reel holders.



TECHNICAL SPECIFICATION

MODEL SIZE	625	750	1000	1250
SEAL LENGTH mm	625	750	1000	1250
SEAL HEIGHT FROM TABLE TOP	265			
CUT LENGTH mm	625	750	1000	1250
SEAL WIDTH	4mm (wider or twin seals available on application)			
SEALABLE THICKNESS	Max 2 x 500 micron (2 x 2000g) film			
JAW OPENING	38 mm			
JAW ACTUATION	Pneumatic			
SEALER BODY LENGTH mm	850	960	1240	1480
HEIGHT mm	350			
DEPTH mm	350			
SEALING TIME	Adjustable up to 10 Seconds			
POWER SUPPLY	230 Volt (115 option)			
AIR PRESSURE	Up to 5 bar (80 p.s.i.)			
AIR CONSUMPTION	0.23 dm3/seconds (0.5 c.f.m.)			
POWER VA (Watts)	720	800	850	950

