

MAJOR B.M.A. MODEL



Shown here with
optional height
adjustable stand +
product tray

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

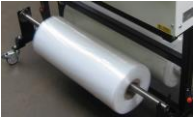
MAJOR B.M.A.

A heavy duty semi-automatic model of impulse heat sealing machine designed for continuous use. Air operated, the MAJOR BMA is provided for applications where there is a need for repeatable high quality seals, it also removes operator control over the sealing cycle. The MAJOR BMA 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. Produced as a table top sealer of various sizes, with an optional floor stand (see below). Supplied as standard, with a powerful lower sealing jaw (see capacity below). An option to also have the top jaw heated in addition is available, greatly increasing the sealable thicknesses (application dependant) or to overcoming mild product contamination etc.. An isolator switch is incorporated with this option to allow flexibility or irregular use of the additional power. The sealing cycle is controlled by a two stage adjustable electronic timer, to independently set heat and cool (dwell) cycle times.

NOTE; For specialist/critical applications where seals are required to be controlled within very precise parameters, an advanced processor controlled version of the machine is available. This allows a precise sealing temperature to be set, combined with accurate heating & dwell times, (refer to **MAJOR BMA PRO** model), where all three sealing parameters are controlled.



MAJOR B.M.A. model has the feature of a controlled low pressure closing of the sealing jaws (see safety features below), additionally a higher force to open the jaws on completion of the seal cycle, preventing films sticking to the jaws on release. Safety, two independent safety circuits are built into this machine, firstly, the air circuit incorporates a low pressure air safety system, this minimises the risk of accidental injury to the operator whilst the jaws are closing. Only when fully closed, is the heating circuit and high pressure air activated to produce a strong and durable seal. Secondly, an electrical circuit automatically opens the jaws if a pre-set closing time is exceeded, even if the footswitch is still depressed, it is assumed that an object being packed or operator's fingers may still be between the sealing jaws. Operation of the machine is simple, sealing is initiated by a low voltage electric foot switch, the jaws open automatically once the seal cycle is complete. The standard finish of the sealer, hard wearing epoxy powder coat - colour white. 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. Optional extras include, a manually operated rear sliding cutter, for trimming pouches for a neat finish, various floor stands, product supports trays/shelves, etc, refer to options / accessories below.

FEATURES	OPTIONS	ACCESSORIES
Low pressure safety circuit.	Single or both jaws heated.	Height adjustable floor stand.
Spring tensioned heating element.	Manual rear mounted heavy duty safety trimmer.	Product support trays
Semi-automatic.	Microprocessor temperature and weld cycle controller (see separate brochure).	Rear film clamp.
Ingress protection bellows	Stainless Steel & IP65 Version.	 Film Roller holder
Soft Jaw closing		
Only draws power whilst sealing		

TECHNICAL SPECIFICATION

MODEL SIZE	625	750	1000	1250
SEAL LENGTH mm	625	750	1000	1250
SEAL WIDTH	6mm			
SEAL HEIGHT FROM TABLE	265			
CUT LENGTH mm	625	750	1000	1250
SEALABLE PLASTIC FILM THICKNESS	With a Single Heated Jaw, Max 2 x 250 micron(2 x1000g) Both Jaws Heated OPTION 2 x 500 micron (2 x 2000g)			
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 dm ³ /seconds (0.5 c.f.m.)			
POWER VA (Watts)	720	800	850	950

