BLISTER PACKING MACHINES AND SERVICES THAT OFFER FLEXIBILITY AND HIGH QUALITY BLISTER PACKS FROM A WIDE VARIETY OF PACKAGING MATERIALS.

1. PACKAGING **SOLUTIONS**


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SMALL SCALE, HIGH QUALITY BLISTER PACKAGING MACHINES AND SERVICES THAT ARE IDEAL FOR R&D, PRODUCT DEVELOPMENT AND CLINICAL TRIALS.

"THIS RANGE HAS BEEN DEVELOPED IN RESPONSE TO GLOBAL DEMAND FROM MAJOR PHARMACEUTICAL AND CLINICAL TRIAL LABORATORIES FOR BLISTER PACKING SOLUTIONS THAT ARE FLEXIBLE, ADAPTABLE AND CAPABLE OF HANDLING COMPLEX PACK DESIGNS AT MINIMAL COST."

Ideal for small batches of pharmaceutical, medical or nutraceutical products from tablets and capsules to ampoules and medical devices, the EZ Blister range is economical, time efficient and suitable for:

- clinical trials and stability studies
- package development
- marketing samples
- low volume production eg. of specialist drugs

The compact and easy to use models provide a 3-in-1 operational flexibility and combine the convenience of a lab-scale machine with the capability of a full sized production machine.

CONTROL YOUR SCHEDULE

Why wait until your Production Department can fit your small R&D batches into their busy schedule? EZ Blister gives your lab total control, so clinical trials and stability studies are completed on time and to budget. Every day saved in R&D is a day when a new product can make extra profits on the marketplace. Your blister packing department also benefits as they will not have to clean and set-up large scale packaging equipment for small batches.

FLEXIBILITY

With the capability to handle all thermoform and cold-form materials the EZ Blister offers high quality packs for all requirements including child-resistant/peelable blister packs, sachets, and monitored unit dose packs.

REPEATABLE RESULTS

Programme bespoke settings for temperature, air pressure and dwell time through the electronically monitored controls or use the EZ Blister pre-set limits for easy operation.

For more information about R&D blister packing visit www.sepha.com

EZ BLISTER II

EZ BLISTER II IS A COMPACT, CUSTOMIZABLE, COMMERCIALLY COMPETITIVE BLISTER PACKAGING MACHINE FOR CLINICAL TRIAL LABORATORIES AND FACILITIES REQUIRING LOW VOLUME PACKAGING SOLUTIONS. IT SHARES THE TECHNOLOGY AND PROCESSES OF LARGER PRODUCTION MACHINES TO CREATE HIGH QUALITY PACKAGING.

EZ Blister II has a range of options that can be selected to tailor and format the machine to meet individual commercial, manufacturing and technological requirements. It is engineered and manufactured in the UK to GMP standards.

Blister packing of tablets, capsules, medical devices, ampoules, sachets, pouches and other products can be achieved from either thermoforming (eg. alu/pvc) or cold forming (alu/alu). Optional Teflon coatings and a pressure booster help optimize production when using difficult materials, and full pack traceability can be assured with the addition of a coding system.

FEATURES

- Customizable to individual commercial and manufacturing requirements
- Easy use interface
- Compact space saving bench top design
- Precision engineered crimped sealing plates
- Capacity to produce 12 packs per minute
- Forms from pre-cut pieces of forming material
- Cold forming capability
- Fast set-up and minimal training required
- Tool-less change over of format parts in less than 2 minutes
- All machine parts either 316L or 304 stainless steel, anodized aluminium or PTFE
- Perforated cutting tools
- Pressure boost facility available and fully 21CFR part 11 compliant

OPTIONS

- Casing choice of stainless steel grade 316L or stainless steel grade 304
- Coding facility
- Teflon coated forming plates
- Mobile workstation with optional reel holder
- Tooling design service
- Pack design service
- Modified Atmosphere Pack (MAP)

MACHINE OPERATION

The EZ Blister II offers a 3-in-1 manufacturing process based on:

FORMING

Pre-cut pieces of forming material are placed in the machine to create trays that are formed to exact product requirements.

SEALING

The formed trays are sealed using crimped plates. Product traceability can be achieved by choosing the option of code embossing the pre-cut lidding foil.

PERFORATING AND CUTTING

The sealed trays are cut and perforated using a precision die cutter to produce high quality finished packs.

TECHNICAL SPECIFICATION

OPERATION	Semi-automatic	
CASING CONSTRUCTION	Stainless Steel (Grade 316L or 304)	
FORMAT DIMENSIONS	Format Area (Thermoform and Coldform):	180 x 120mm
	Standard Max. Draw Depth (Thermoform):	9mm* (Up to 14mm with plug assist)
	Standard Max. Draw Depth (Coldform):	9mm*
	Max. Foil Width:	165mm
	*Material dependant - deeper pockets may be considered upon request	
CONTROLS	Temperature:	0 - 200ºC
	Pressure:	12.10kN (20.10 with pressure booster)
	Timers:	0 - 99.99 sec
	Counter:	0 - 999 cycles
UTILITIES	Electrical:	110/230V single phase 6A
	Air Pressure:	6 Bar (10 Bar with pressure booster)
	Air Consumption:	14.5 litres/stroke at max. speed
OPERATING SPEED	Approx. 12 cycles per minute for any single operation	
MACHINE DIMENSIONS	715mm (W) x 550mm (L) x 530mm (H)	
MACHINE WEIGHT	125kg (275lbs) / Shipping Weight: 200kg (440lbs) / Tooling: 15kg (35lbs)	
TOOLING CHANGEOVER	2 - 3 minutes	