

shawpak

MEDICAL PACKAGING SOLUTIONS

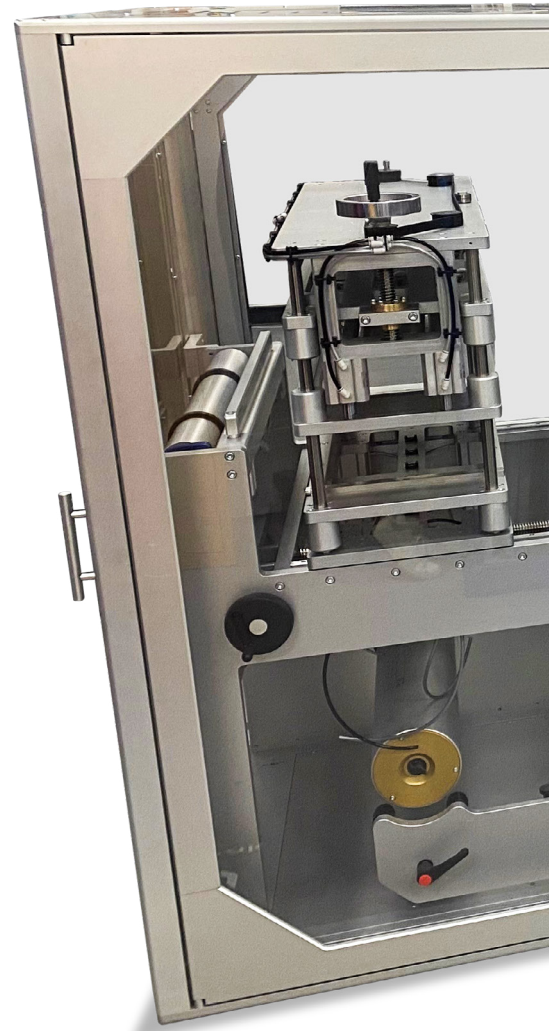


rigid blister machine



The **shawpak Rigid Blister Machine** is a revolutionary machine offering a solution to your packaging needs that is totally unique.

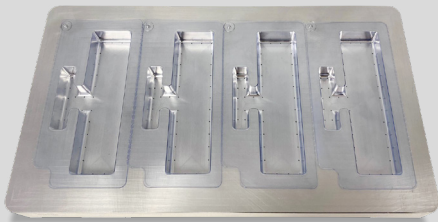
Built in the UK at our state-of-the-art engineering facility based in Derby, every care has been taken to ensure the machines are built to the highest quality.





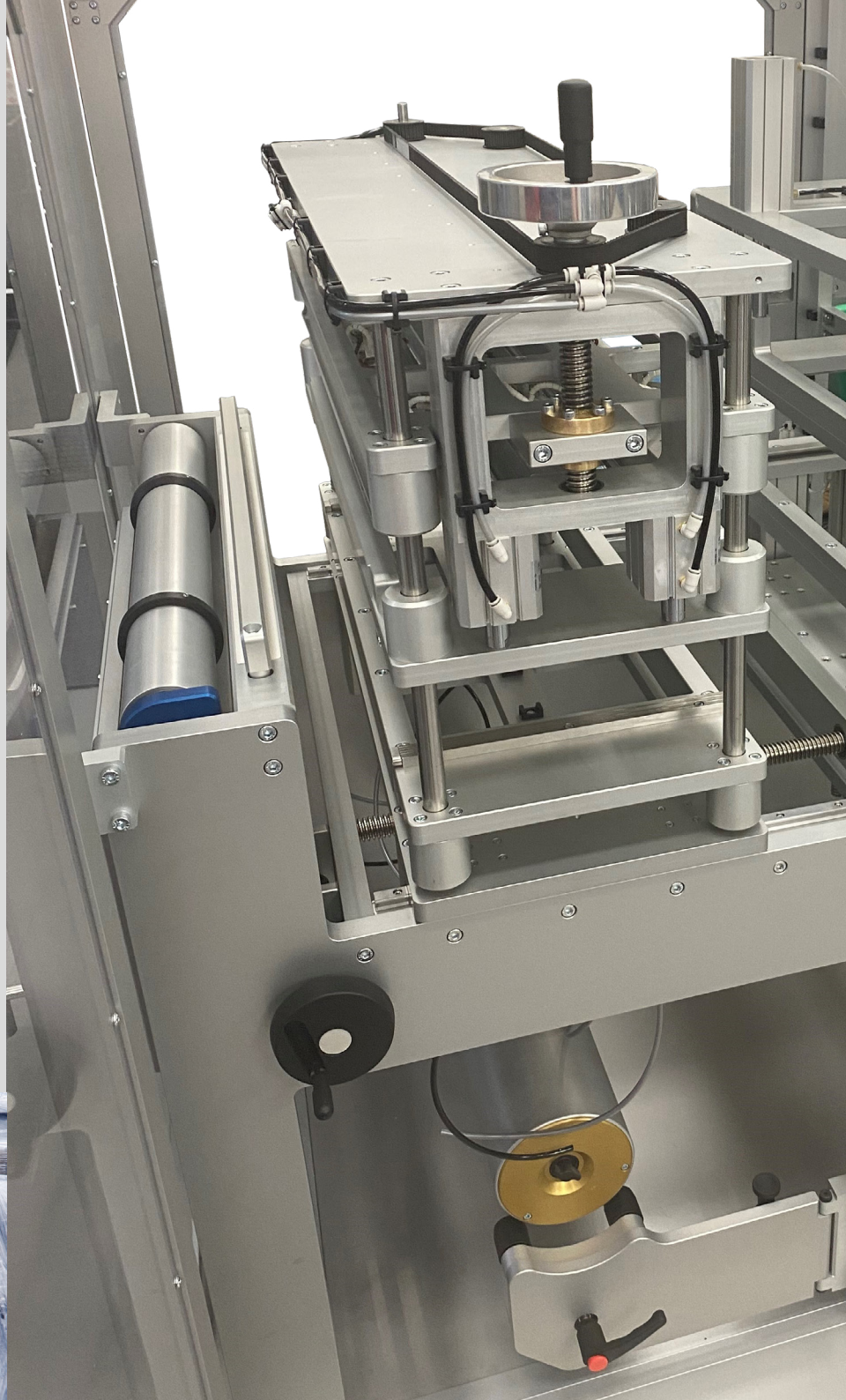


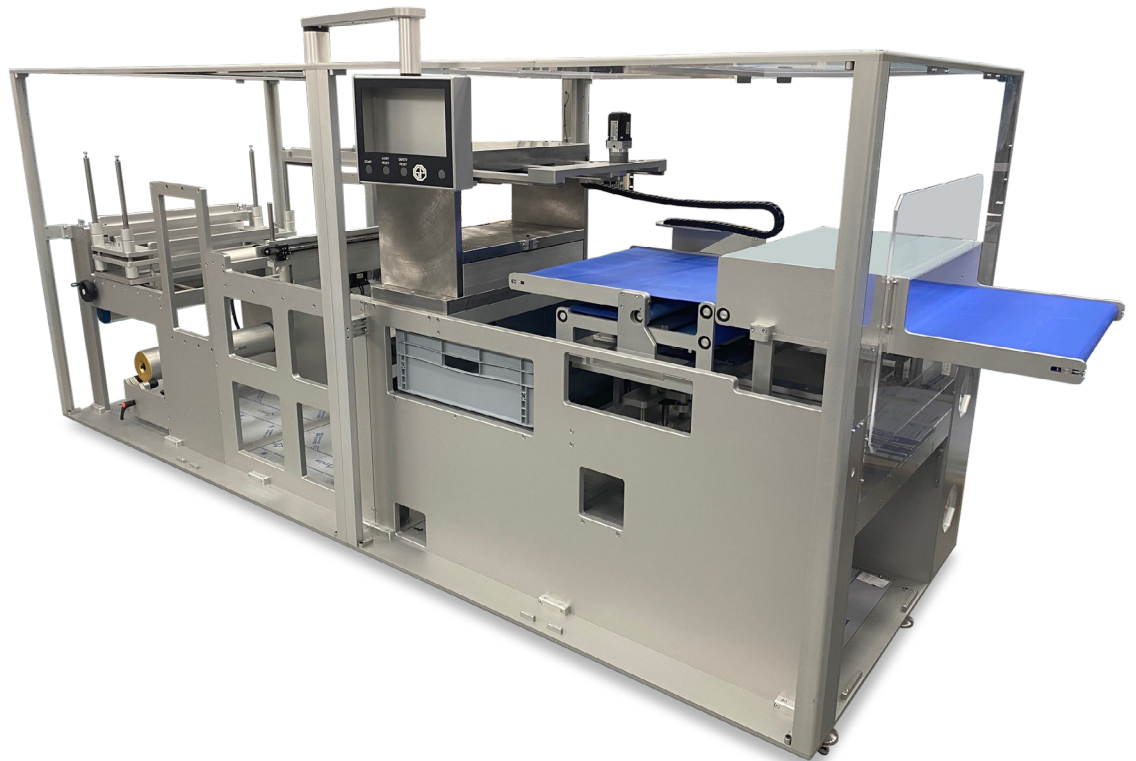
The **shawpak Rigid Blister Machine** is a highly flexible machine capable of creating diecut rigid blister packs up to a maximum size of 600x300mm (or multiple packs totalling 600x300mm).





The **shawpak Rigid Blister Machine** is designed to create blister packs on demand, preventing the need to store surplus inventory of stock.

- Auto stacking of Packs
- Separate waste disposal





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Web Unwind

Accurate tension and lateral tracking control of the web are essential for reliable thermoforming. The shawpak has a unique motor driven unwind to control tension to the exact tolerance of the material to be used. This flexible control means the shawpak can handle various thickness of rigid material. As well as tension control, web tracking and alignment are critical to ensure the web feeds centrally to the machine and is captivated by the grippers each side in the Diecut. Lateral position can be adjusted in 0.1mm increments.

Heating Process

The Pre Heat Tunnel heats the web to approx. 50°C. The applied heat causes the rigid material to produce greater flexibility and providing a more efficient and effective route through the machine. The Heater uses infrared elements to make the web more malleable before reaching the forming process.

Form Station

The forming procedure is a standard male forming process incorporated into the blister machine.

The Rigid



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SUMM

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Its ability to produce ranging materials none. The comp machine and its are unlike any other currently

Process



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Cutting

The Cross Cut removes the formed pack from the web. The Diecut then loads the separated pack into the Diecut Tool, which then cuts the pack into the desired shape.

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Conveyors

The conveyor system comprises a extending conveyor which separates the completed packs from the waste material. The waste is then discarded into the supplied container. Completed packs are auto stacked by the lifting mechanism up to an approx. total height of 100mm. The Outfeed conveyor transports the packs away from the machine.

6

Guarding

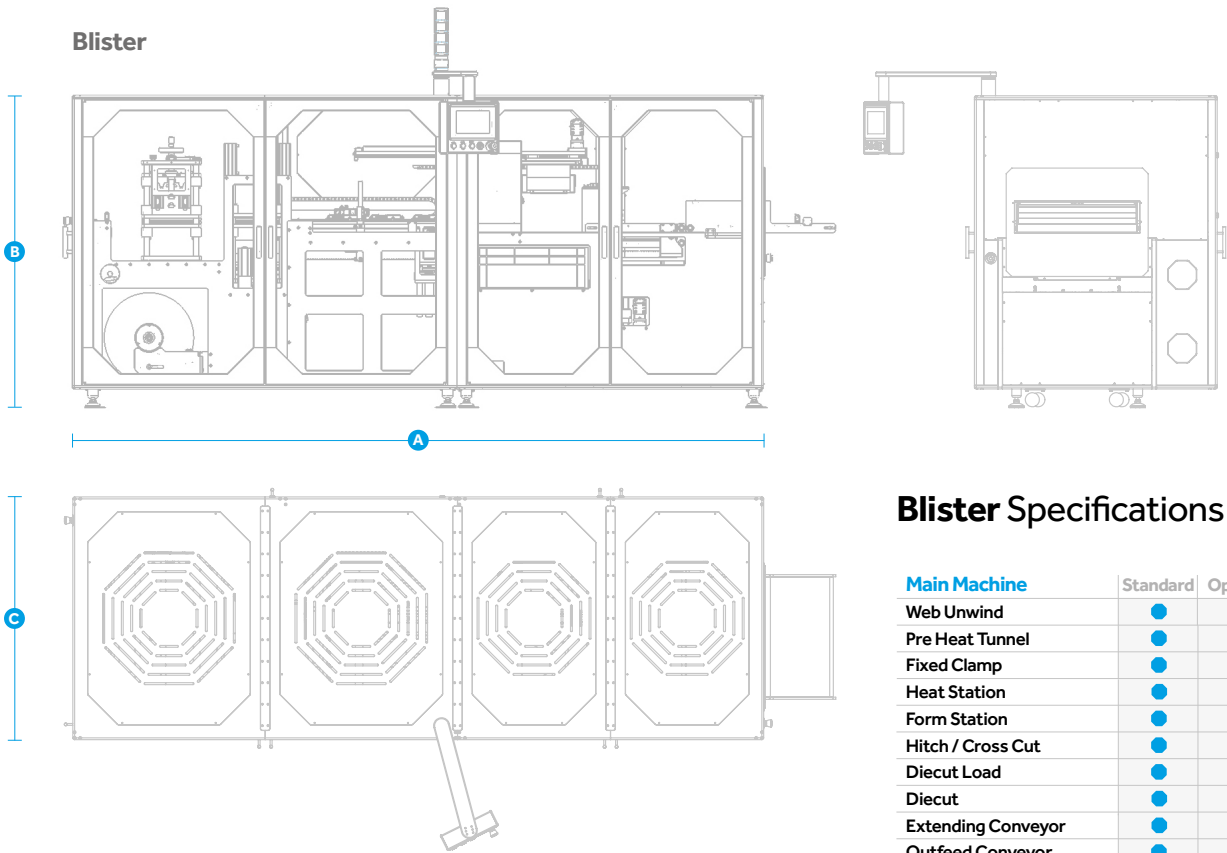
The machine has multiple access points giving an advantage in maintenance and servicing access. Safety features are an integral part of the shawpak machine and it is fully guarded.



shawpak Rigid Blister Machine

Model	Max Single Pouch Size	Machine Dimensions		
		A	B	C
Blister	600mm x 280mm	4132mm	1963mm	1798mm

Blister



Blister Specifications

Main Machine	Standard	Option
Web Unwind	●	
Pre Heat Tunnel	●	
Fixed Clamp	●	
Heat Station	●	
Form Station	●	
Hitch / Cross Cut	●	
Diecut Load	●	
Diecut	●	
Extending Conveyor	●	
Outfeed Conveyor	●	
Conveyor Lift	●	
Locking Out Guarding	●	

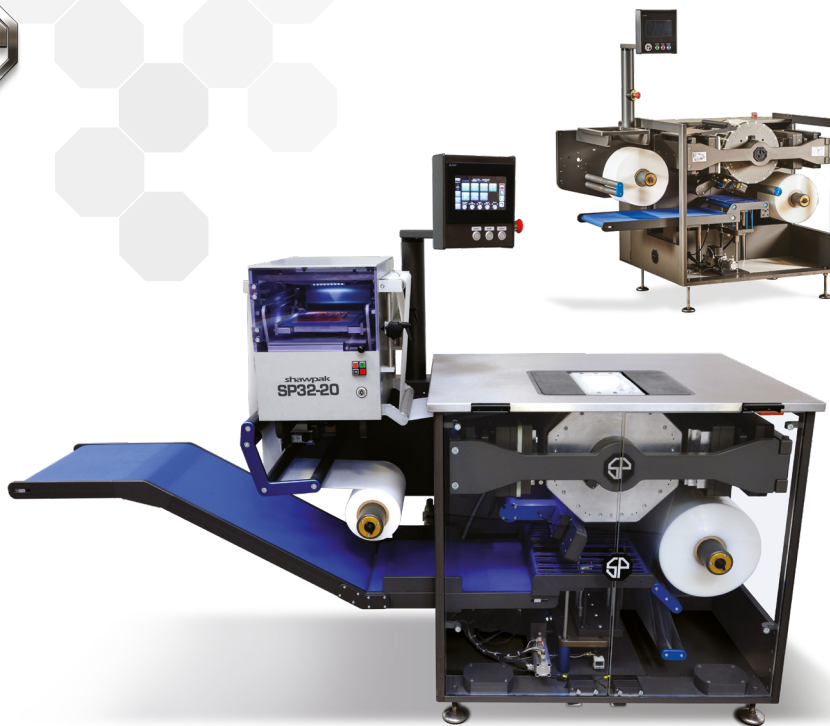
shawpak Blister Tooling

The tooling consists of the following:

- Web Clamp Plates
- Male Form Tool
- Diecut Tool

Completed packs can be made up to a maximum size of 600mm x 280mm giving a web width of 620mm and an index length of 300mm. A single blister can be produced at the maximum size or any combination of blisters to make up the 600mm width. Narrower materials can be loaded onto the machine down to a minimum width of 250mm.





shawpak Medical Packaging Machinery - machines to make medical blisters & pouches

The **shawpak Blister Machine** complements the other machines in our range to provide a family of revolutionary machines to suit a variety of packaging solutions.

Shawpak Rotary Thermoformer

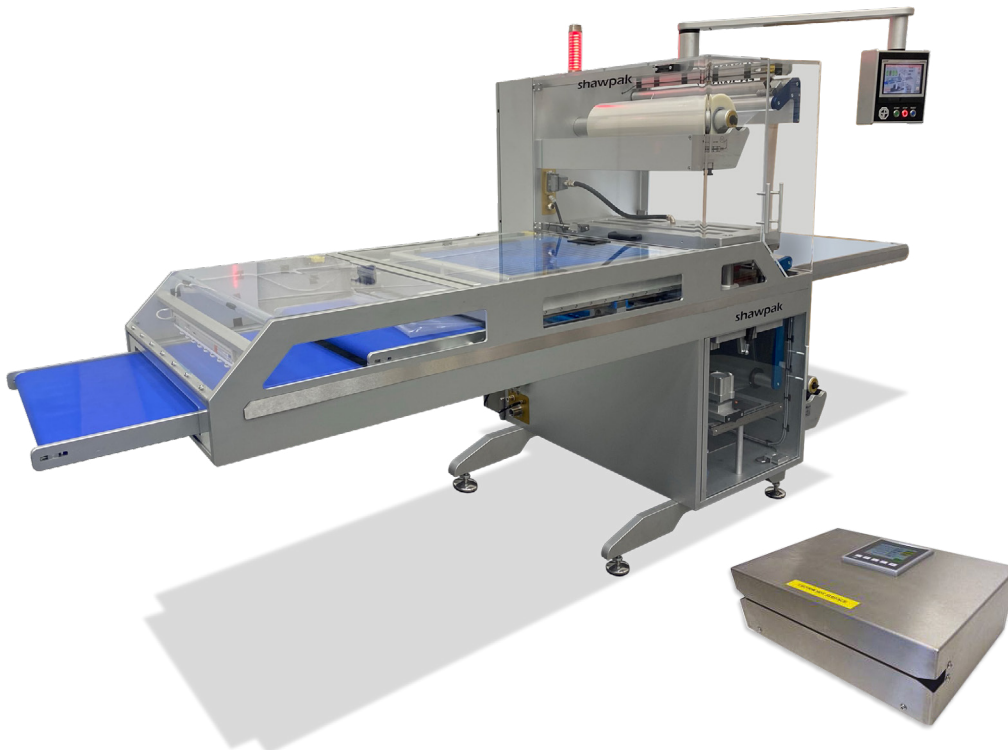
- 32-20
- 42-25
- 62-25

Shawseal Pouch Machine

- 3SS (Three Side Seal)
- 4SS (Four Side Seal)

Shawseal Pouch Sealer

- PPS300TS2
- PPS400TS2
- PPS500TS2
- PPS600TS2



**Riverside Medical
Packaging Co Ltd**

Since 1979, Riverside Medical Packaging has established itself at the forefront of the healthcare industry. An innovative supplier, providing packaging, contract packing, validation and engineering services. Our state-of-the-art 6000sq metre manufacturing facility has been tailor-made specifically for the manufacture of medical packaging and products.

We currently have eight cleanrooms (two Class 8 and six Class 7), each being either process or product specific. These superb manufacturing cells are testament to our commitment to invest and develop to support the needs of the market.

Over the years, one of our key strengths has been our in-house engineering and design facility.



Our philosophy has been to design, develop and build the majority of our production and packaging equipment in-house. This gives us true flexibility, enabling us to offer the service and technical innovation our customers have come to expect.

From our many years experience in machinery design a new concept was conceived - the **shawpak**. A revolutionary thermoforming machine unlike any other available. Now Riverside has invested in a new 1200sq metre design and engineering facility for the production of these groundbreaking machines.



shawpak

the revolution is here



shawpak

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