

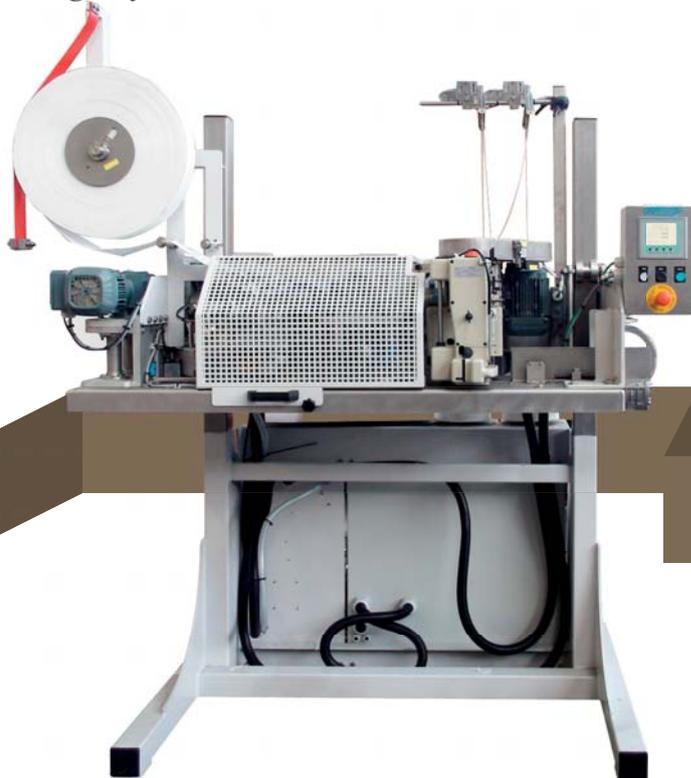


STATEC BINDER

highly efficient bagging and palletizing solutions

Bag Closing-System

Bag Closing-System SBSM-OS with woven PP over tape



up to

1500

bags per hour



STATEC BINDER's new innovative bag closing machine

A newly developed and patented bag closing system from STATEC BINDER seals woven PP (polypropylene) bags hermetically. For this, a woven PP tape is used for a reliable and secure bag closure. If required, bags can also be additionally stitched.

This innovative bag closing machine convinces in terms of application and conforms to STATEC BINDER's high technical standard. It is designed for sewing, cutting and sealing of laminated woven PP bags.

This newly developed sealing technology facilitates the handling of dusty products within the food industry and strong-smelling products within the animal feed industry. Pillow bags can be closed as securely as gusseted bags.

More than just hot air

During operation, the filled bags are transported by a belt conveyor from the bagging machine. A sensor detects the bag position and conveys it automatically into the trimming area. After cutting the upper edge of the bag, a woven PP tape is applied over the open edge of the bag to seal it with hot air.

The hot air is produced by a heating unit in the machine. The hermetic sealing thus achieved prevents any odor coming out from the bag.

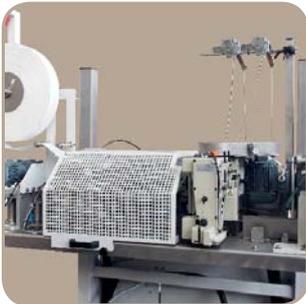


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The bag closing machine is available with sewing heads of different manufacturer



Heat sealed woven PP bags



Statec Binder bag closing machine SBSM-OS in operation



Stitched PP bag with heat sealed woven PP over tape

Optional bag stitching and then sealing is possible. For stitching the bag is first conveyed, by means of an integrated sewing head. After stitching the bag is cut at the top and then sealed with a woven PP tape. The tape over seal is cut on the right and left next to the bag. Bags are often sewn as well as sealed to ensure absolute secure and reliable closure.

The right solution for every packaging machine

As a stand-alone solution with its own power sup-

ply, SPS control and touchscreen control terminal, STATEC BINDER's bag closing machine can also be integrated and installed into existing packaging lines without any problems. The existing packaging lines can be easily interlocked with the bag closing unit. Thus all switching commands and control units can be monitored and controlled by the connected machine.

The whole system is mounted on a moving platform. The working height is easily adjustable using a manual height adjustment. Beside sealing temperature, all drives can be adjusted variably by means of a frequency inverter.

Capacity:	up to 1500 bags/hour*
Bag types:	pillow bag and gusseted bag
Bag material:	woven PP bags
Air pressure:	6 bar, constant, dry and oil free
Air consumption:	~20 Nm ³ /h
Power supply:	3 x 380 - 480 VAC, 50/60 Hz
Protection:	min. IP54
Power consumption:	~6,0 kW

*depending on bag type and bag material