

Tape Over Sealer

Bag sealing system with PP fabric tape

up to
1500
 bags per hour



Tape Over Sealer

- Secure seal
- Leak-tight seal
- Unique type of bag sealing
- Heat-sealed



The patented bag sealing system "Over Tape Bag Sealer" from STATEC BINDER heat-seals woven polypropylene (PP) bags airtight. PP fabric tape is used for this purpose to ensure a reliable and secure seal. If necessary, the bags can also be sewn shut. Pillow and gusset bags can both be securely sealed. The sealing technology makes it easier to handle dusty and odor-intensive products in the food and feed industry.

During operation, the filled bags are transported to and from the bag sealing system via a conveyor belt. A sensor detects the bag's position and automatically pulls it into the trimming area. After trimming the top

edge of the bag to size, PP fabric tape is pulled over the open edge of the bag in order to then seal it with hot air. Generated by a heater that heats the sucked in air, the hot air heat-seals the bag to be airtight and odor-neutral.

The bag can also be optionally sewn shut. In this process, the bag is pulled in and first sewn using an integrated sewing head, then the top of the bag is trimmed to size and then heat-sealed shut with PP fabric tape. Bags are frequently both sewn shut and also heat-sealed in order to ensure a seal that is twice as secure and reliable.

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As a stand-alone solution with its own power supply, 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.



Technical data

Capacity	up to 1500 bags/hour*
Bag type	pillow bag and gusset 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, PE
Protection class	min. IP54
Power consumption	~ 6,0 kW

*depending on bag type and material