



Sewing Machine

for accurate and secure bag closing

up to
2000
bags per
hour



- ✓ fully automatic bag infeed
- ✓ continuously adjustable speed
- ✓ thread breakage monitoring system
- ✓ height-adjustable frame



The high-performance sewing machine from STATEC BINDER closes woven polypropylene, paper and polyethylene bags accurately and securely.

Two different options are available for stitching bags. The first is the straight bag infeed method. The bag is fed into the sewing head by a belt drive and the top of the bag is stitched. The second is the bag top folding method. The top edge of the bag is folded as the bag is fed in and then this edge is stitched. To switch from one method to another, you only need to change one simple device.

Options:

- ✓ Double-head sewing station
(If the thread or the needle breaks, the sewing station can be pivoted through 180 degrees and a second identical sewing head can be used.)
- ✓ can be used with different sewing head brands



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The bag is fed into the sewing machine using one of the methods described before. The stitch length is between 7 and 12 mm, depending on the sewing speed and the performance of the machine. Two light barriers start and stop the sewing process and a cutter at the end cuts the thread.

The sewing head is driven by a motor with a frequency inverter. This allows for much more accurate speed adjustment than a pulley drive and guarantees synchronous operation and straight bag seams.

A thread breakage monitoring system checks the two-thread double chain stitch. If the thread or the needle breaks, the sewing process stops and a warning signal is displayed.

If the sewing machine is supplied together with a STATEC BINDER bagging system, its electrical and control functions are integrated into the overall system. However, it can also be used as a standalone sewing machine.



Technical data

Capacity	up to 2000 bags/hour*
Bag type	pillow bag and gusset bag
Bag material	woven PP bag, PE bag, paper bag
Air pressure	6 bar, constant, dry and oil-free
Air consumption	~ 5 Nm ³ /hour
Power supply	3 x 380 - 480 VAC, 50/60 Hz, PE
Protection class	min. IP54
Power consumption	~ 1,5 kW

* depending on the bag width and type