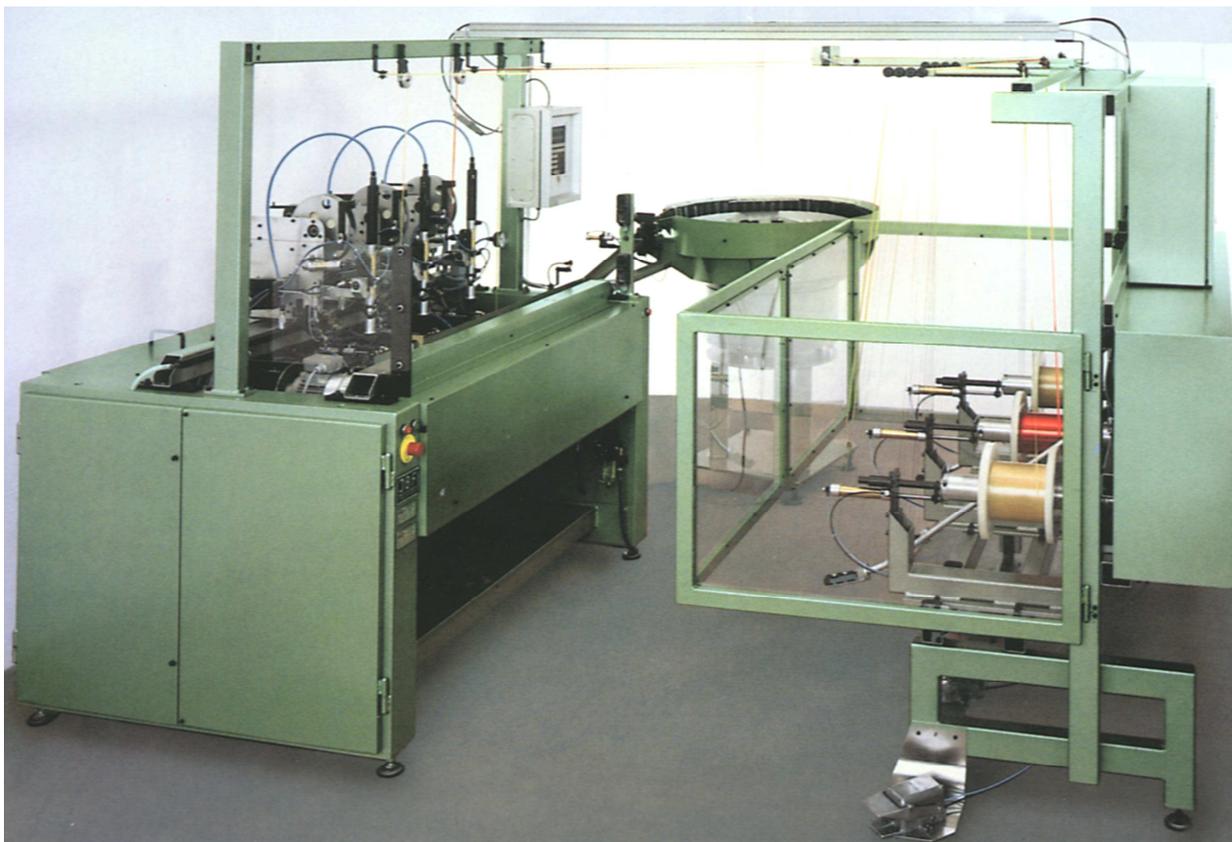


Maschinen GmbH

Fully Automatic Ribbon Spooling Machines BS 3 / BS 6

INTELLIGENT
RIBBON PROCESSING



Fully Automatic Ribbon Spooling Machine BS 3 / BS 6

Ribbon Spooling Machine BS are fully automatic machines with 3 or 6 winding positions, for ribbon 3 to 10 mm wide continuously laid on paper or plastic spools. Spooled ribbon lengths are depending on the spool sizes up to 100 meters.

Highly sophisticated machine controls and –technologies allow a variable winding of the border- and reverse points, resulting in an even wound and flat surface of the produced spool.

To obtain a constant ribbon tension during the winding process all material supply spools are driven and controlled individually.

Each winding position is equipped with a labelling device. Adhesive labels are provided from a carrier belt during the winding process and picked up with the suction device of the labelling cylinder. The automatic supply of the adhesive label is controlled by an optical sensor.

During the winding cycle empty spools are stored into the magazine of each winding position. The ribbon guiding system moves towards the empty spool and the ribbon is attached to the spool with an adhesive label.

The winding process begins and the machine spools until the electronically preset running length is reached. The machine stops and the scissors cut the ribbon. The cut ribbon end is attached to the finished spool with an adhesive label. The spools are doffed from the mandrels and are transported to a product accumulator or a fully automatic JBF packaging machine.

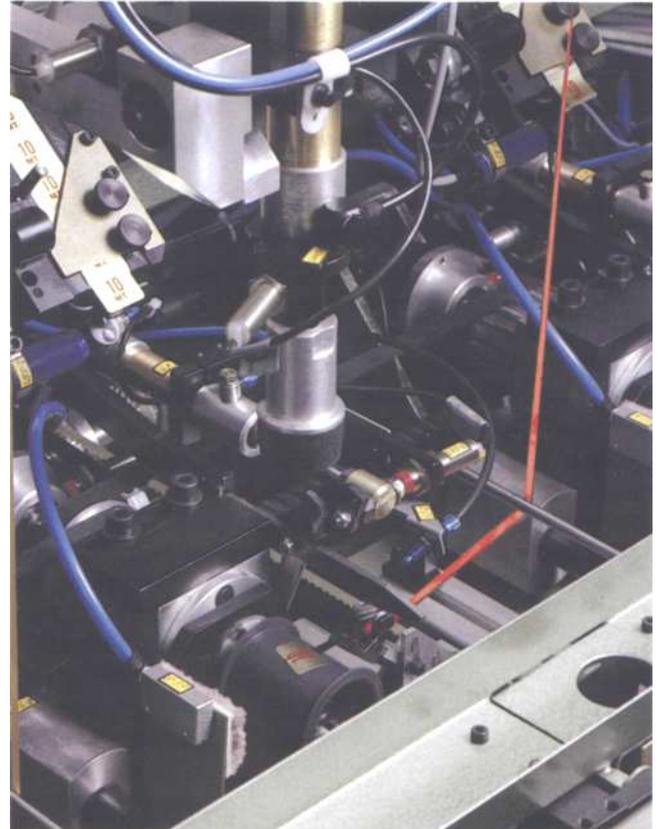
A new cycle begins with pushing on the empty spools.

Additional Equipment:

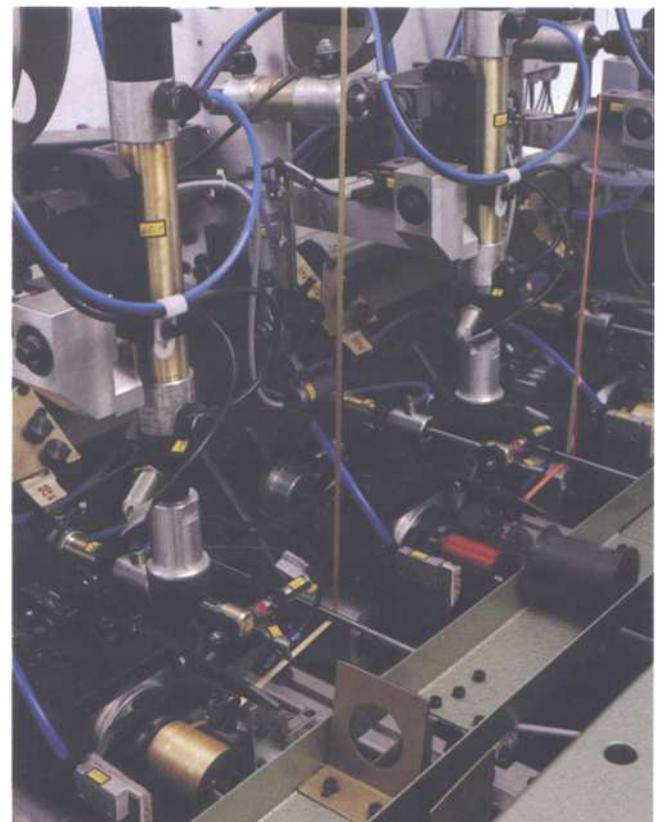
- Automatic supply of empty spools.
- Automatic infeed into fully automatic JBF-Packaging Machines

Production Data:

- BS 3: Depending on the spool size,
with 20 meters ribbon length: approx. 9 spools/minute
- BS 6: Depending on the spool size,
with 20 meters ribbon length approx. 18 spools/minute



start winding cycle



winding process

Technical Data:

Winding position:	3 oder 6
Mandrel speed:	max. 2000 1/min
Winding speed:	max. 400 m/min
Winding length:	infinitely adjustable
Material supply:	cylindrical spools max. 300 mm dia, 450 mm long
Power consumption:	1,5 kW
Air consumption:	max 1 m ³ /h
Air pressure:	6,0 bar
Machine weight :	approx. 650 / 1200 kg
Space requirement:	approx. 6 / 12 m ²

Subject to technical modifications without notice.

JBF Maschinen GmbH

Flurstrasse 8 - D-88367 Hohentengen / Germany - Tel. +049(0) 7572 7641-0 - Fax +049(0) 7572 7641-30
Internet: www.jbf-maschinen.de / E-mail: info@jbf-maschinen.de