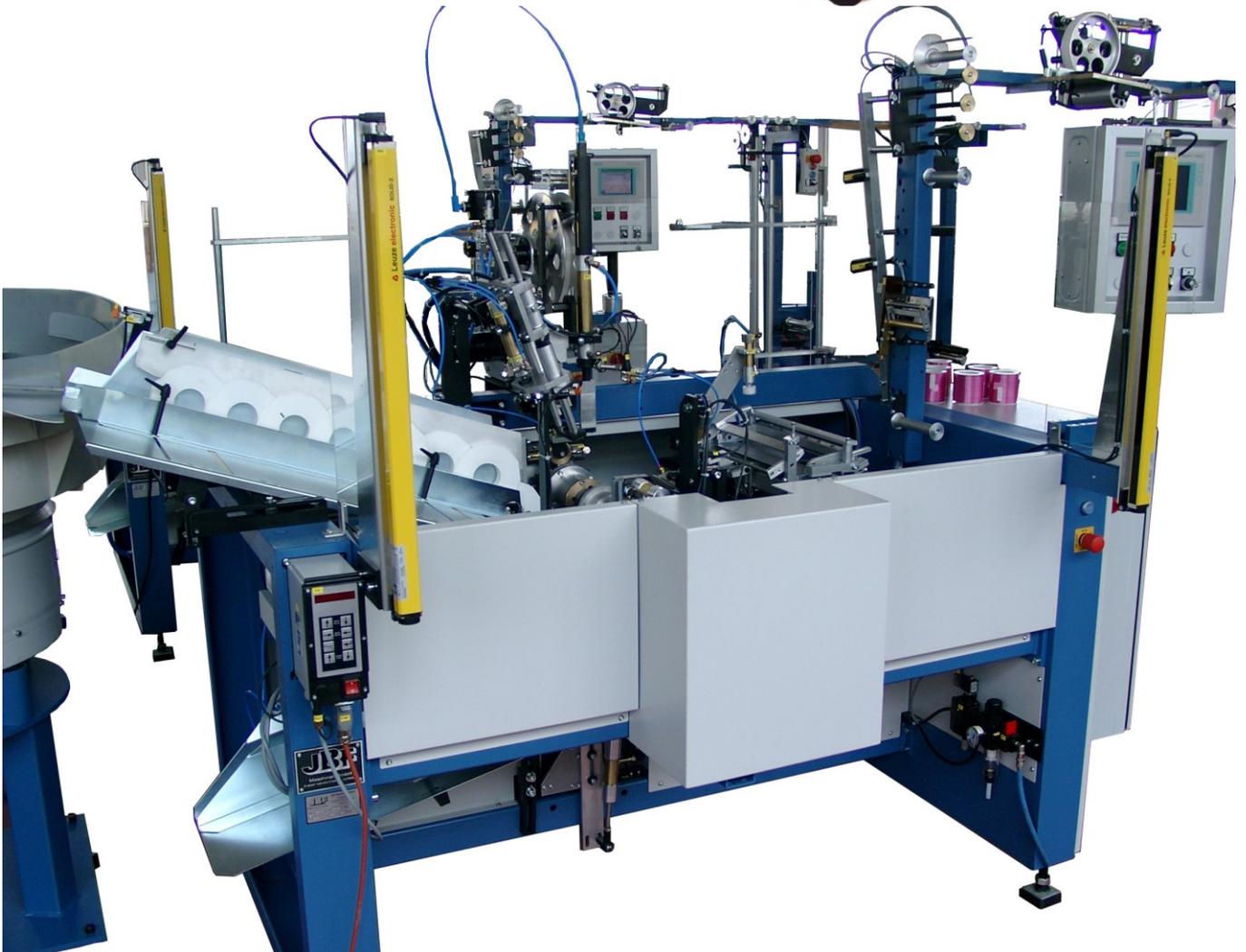


# JBF

Maschinen GmbH

## Ribbon spooling and ribbon rolling machine BS1

INTELLIGENT  
RIBBON PROCESSING



**Fully automatic universal machine BS 1 for spooling and rolling of textile and plastic ribbon or rope on cardboard or plastic cores with or without out side flanges.**

#### Machine equipped with:

- clamping device for cores with and without side flanges.
- ribbon traversing device with servo motor for easy and fast change of all traversing parameters on the operation panel.
- cycle counter.
- running length counter as meter counter with adjustable accuracy.
- ribbon defect sensing device with machine stop or doffing of the spools in a separate box.
- adjustable band guides for different ribbon widths.

#### Additional equipment BS 1:

- automatic tube supply with vibration feeder.
- speed regulation of winding mandrel with increasing spool diameter for constant ribbon speed and ribbon tension over the complete winding cycle.
- Ribbon end fixed optionally with label or stapler.
- foil banding of the wound spools on the winding mandrel. Foil widths can optionally be wider, equal or narrower as the ribbon traversing width.
- Supply creel for material feed with defined tension. Optionally from a supply spool, a supply roll or out of boxes. Combinations are possible.
- ribbon end sensor with clamping of the material in the creel for easy connection of the new ribbon supply spool.
- creel with reserve connection.
- creel with supply device for narrow pancake wound ribbon rolls.
- automatic connection to JBF packaging machines and labelling machines.

#### Production Data BS 1:

depending on the spool diameter: with 70 mm (2.75") diameter

with 5 meter ribbon length: approx. 7 spools per minute  
 with 25 meter ribbon length: approx. 5 spools per minute  
 with 50 meter ribbon length: approx. 4 spools per minute

#### Technical Data BS 1:

Winding heads:	1
Ribbon widths:	3 – 100 mm
Finished spool diameter:	max. 250 mm
Traversing widths:	max. 230 mm
Winding head revolutions:	max. ca. 2000 1/min
Ribbon speed:	max. 300 m/min
Winding length:	infinitely adjustable with meter counter
Material supply:	cylindrical spools max. 500 mm (20") dia., 500 mm (20") long or supplied out of boxes
Connected load:	approx. 2 kW with creel depending on the specifications, 230V, 1 Phase
Air consumption:	max. 1,5 m <sup>3</sup> /h
Air pressure:	6,0 bar
Machine weight:	approx. 600 kg
Space requirement:	Machine: 1300 x 1200 mm (51" x 47.25") Creel: 1500 x 1000 mm (59" x 39,4") depending on the specifications

Subject to technical modification without notice.



BS 1

**Semi automatic universal machine BSH for spooling and rolling of textile and plastic ribbon on cardboard or plastic cores with or without side flanges.**

#### Additional equipment BSH:

- speed regulation of winding mandrel with increasing spool diameter for a constant ribbon speed and ribbon tension over the complete winding cycle.
- up movement of the ribbon guide and optionally away from the centre of the spool with increasing spool diameter for perfect ribbon traversing over the complete spool diameter.
- machine with pneumatic operated counter mandrel to clamp spools with side flanges and as counter bearing for heavy spools.
- automatic spool doffing of wound spools with a higher spool weight from the mandrel with doffing into a finished spool magazine.

#### Technical Data BSH:

Winding heads:	1
Ribbon widths:	3 – 120 mm (0,1" – 4,72")
Finished spool diameter:	260 mm (10,25") max. 400 mm (15,75")
Traversing widths:	300 mm (11,80") max. 400 mm (15,75")
	electronic controls with operation panel for adjustment of running length, traversing widths, traversing speed per revolution, etc.
Winding head revolutions:	max. ca. 2000 1/min
Ribbon speed:	max. 300 m/min
Winding length:	infinitely adjustable with meter counter
Material supply:	traverse wound spools max. 500 mm (20") dia., 500 mm (20") long or supplied out of boxes
Connected load:	approx. 3 kW with creel depending on the specifications, 230V, 1 Phase
Air consumption:	max. 0,5 m <sup>3</sup> /h
Air pressure:	6,0 bar
Machine weight:	ca. 600 kg
Space requirements:	Machine: 1300 x 1200 – 1700 mm (51" x 47,25" – 67") depending on the core dimensions and the machine specifications. Creel: 1500 x 1000 mm (59" x 39,4") depending on the creel specifications