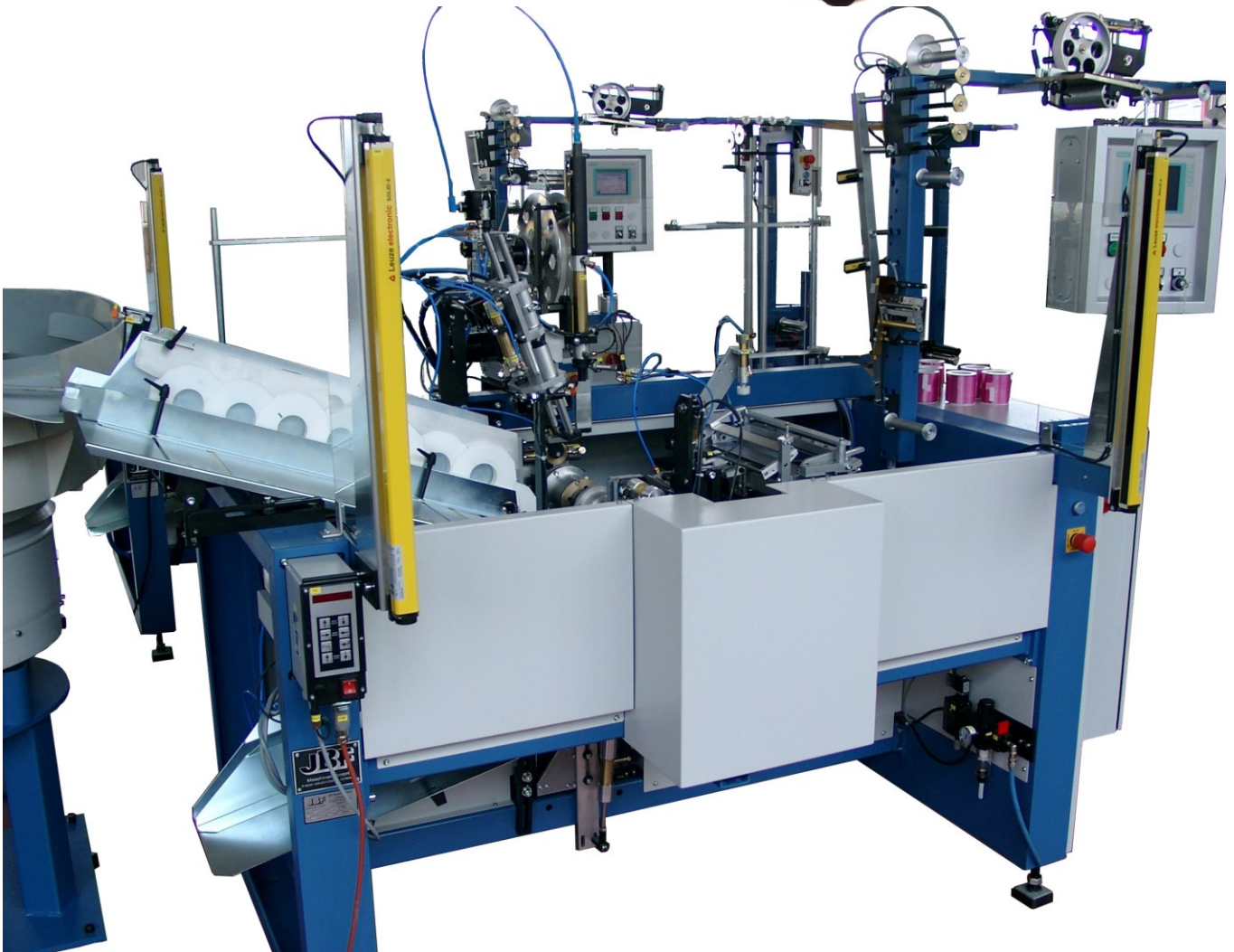


Maschinen GmbH

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:

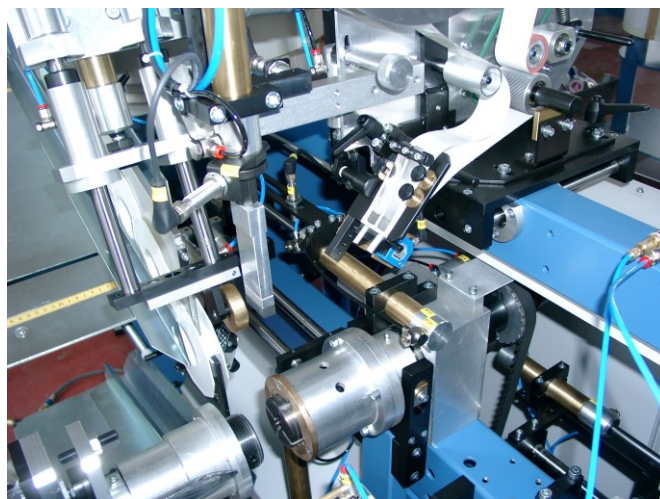
depending on the spool diameter: with 70 mm (2.75") diameter

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 m³/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 m³/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