

JBF

Maschinen GmbH

Automatic Winding Machine BSP-PW (precision winding)

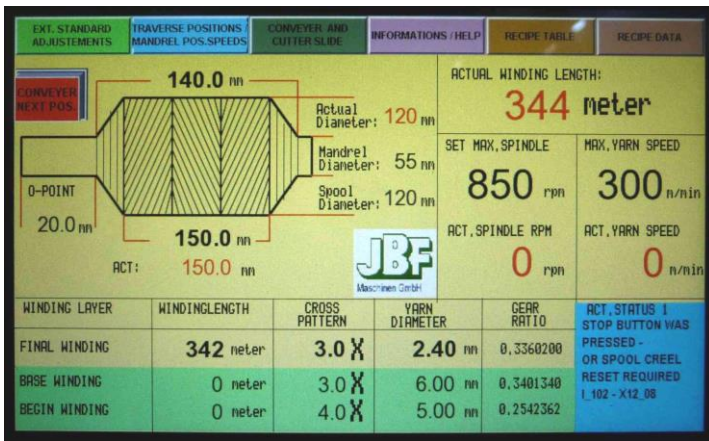
INTELLIGENT
YARN PROCESSING



SOLUTIONS



Automatic Precision Winding Machine BSP-PW can wind spools of ribbon and rope.

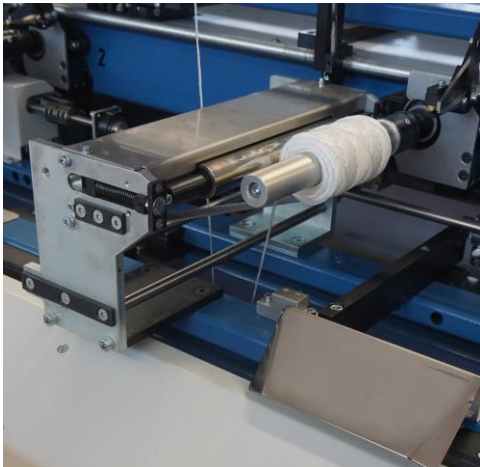


For the fully-automatic winding of coreless products. When winding spools on tubes, tubes will be fed manually, but with automatic winding and doffing process.

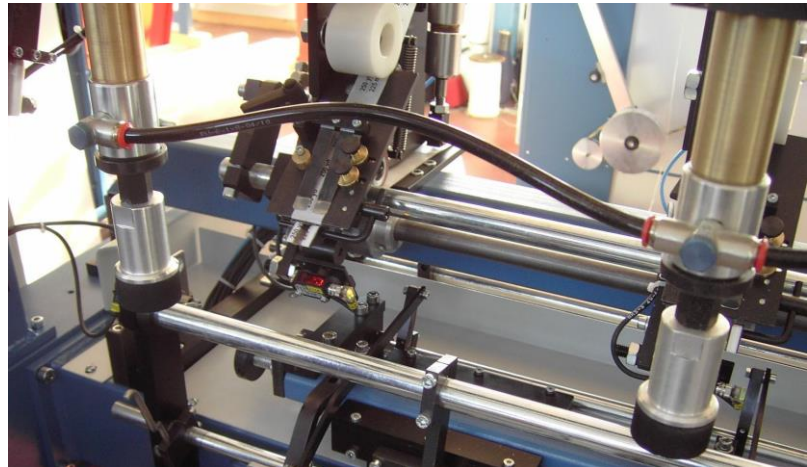
Operation panel with color touch screen. All winding parameters like running length, mandrel beam positions, crossing ratio etc. can be stored in approx. 200 winding programs.

The machine parameters and error messages are displayed on the display in clear language.

Operation touch panel



Winding mandrel (for coreless winding)



Labelling device, optional stapler

Standard Equipment:

- Electronic traverse motion with servo motor – for precision winding
- Auto tracking device of traverse units to keep the same distance to spool during winding cycle
- 1 set of winding mandrels
- Thread end cutting and re-clamping
- Selectively labelling or stapling devices
- Automatic doffing device of finished spools onto doffing table in front of the machine

Optional equipment:

- Length measuring system with metering rolls
- Thread breakage control with machine stop
- Brake and tensioning device
- Fournisseur for thread tension control
- Pressure roller, pneumatically driven
- Exit conveyer
- Creel for unrolling or overhead pulling of supply spools
- Automatic tube supply
- Exit conveyer band

Technical Data:

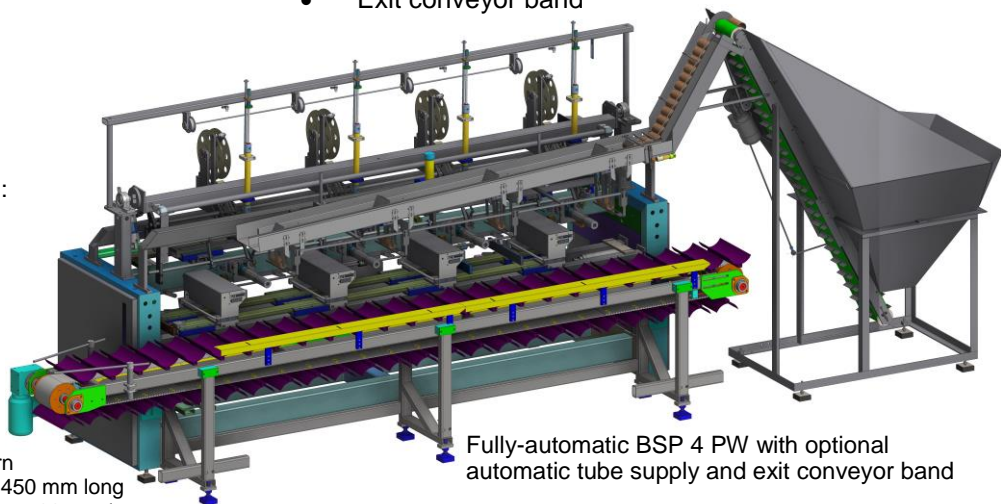
Solid mandrel for coreless winding:
Diameter of mandrel 8 - 52 mm

Expanding mandrels for winding on tubes:
Inside diameter of tube 35 - 94 mm

Winding heads 4, 8 etc.
Spindle gauge 630 mm
Traverse width 10 to 160 mm
Mandrel speed 1200 rpm
Winding speed approx. 80-500 m/min
Outside spool diameter max. 200 mm
Ribbon width approx. 5 – 10 mm
Rope diameter approx. 1 – 6 mm,

Material supply from optional creel depending on yarn max. Ø 300 mm, 450 mm long or max. Ø 500 mm, 500 mm long

Subject to technical modification without notice.



Fully-automatic BSP 4 PW with optional automatic tube supply and exit conveyor band

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