



Maschinen GmbH

Automatic Pull Skein Winding Machine BSP 16 and BSP 10-G

2x BSP 16
with optional
cup conveyor and
skein former



BSP 10-G

Pull skein winder **BSP 16 / BSP 10-G**

with automatic winding program and electronic traverse system

Automatic programme with automatic doffing onto table in front of the machine or optional cup conveyor band. Two pull skein winders can be connected to an high-capacity system and connected to an optional automatic skein banding machine type BA-P or BAG-P.

Automatic Thread Guide Movement:

With advancing winding length the tread guides will be moved to keep the distance between thread guide and pull skein constantly during the entire winding cycle.

Thread traverse: precision winding by thread guides, traverse length adjustable. Different patterns adjustable. Crossing can be modified during winding cycle.

Winding mandrels easily interchangeable and provided with pinches for holding thread ends. Machine provided with 1 set of mandrels.

Drive with servo motors, controlled by inverter. Operation panel with touch screen. Memory for 300 spooling programmes included.

TECHNICAL SPECIFICATIONS:

- Fully electronic traverse motion for precision thread laying
- Set-up with touch panel (no mechanical set-up needed)
- 3 different winding layers programmable with individual set-up of winding length plus crossing ratio for each layer
- All crossing ratios from 1:1 up to 1:100 or parallel winding mode
- Easy maintenance by easy accessibility of the technical components

TECHNICAL DATA:

Max. mandrel speed: max. 1200 rpm
(depending on crossing ratio)
Max. traverse width: 160 mm
Mandrel sizes: from 35 up to 100 mm diameter
(in steps of 5 mm)

Skein measurements: on mandrel / ~ doffed:

BSP 16: max. skein length: 160 mm / ~ 240mm
max. skein diameter: 110 mm / ~ 100mm

BSP 10-G: max. skein length: 220 mm / ~ 320mm
max. skein diameter: 160 mm / ~ 150mm



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Gliding traverse system for constant distance

CONTROL SYSTEM with

- Recipe storage for up to 300 winding recipes
- Easy set-up of all winding parameters on color touch screen
- Fault messages in clear text plus description of problem
- In case of power failure, actual and nominal data saving to finish actual winding cycle after power restart
- Data backup of winding programmes with Ethernet connection

Standard equipment:

- Automatic clamping of thread for new winding cycle
- Automatic yarn cutting at cycle end
- Automatic doffing of balls from mandrels

Options:

- Material supply creel with magazine creeling
- Yarn break control
- Yarn feeding device (fournisseur)
- Thread end inserted in the ball by mechanical hook, no vacuum necessary
- Cup conveyor belt for transport of skeins towards an automatic banding machine
- Connection to automatic skein banding machine
- Inline automatic packaging machine BA-P / BAP-G



Option: Automatic skein banding machine BA-P / BAG-P