The bobbin makes the difference!

Perfect winding. Best results.
**Semi-automatic bobbin winding machines**

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Flange diameter</th>
<th>Traverse</th>
<th>Winding positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP 280</td>
<td>maximum 120 mm</td>
<td>30 mm – 280 mm</td>
<td>4</td>
</tr>
<tr>
<td>SP 320</td>
<td>maximum 120 mm</td>
<td>30 mm – 320 mm</td>
<td>4</td>
</tr>
<tr>
<td>SP 400</td>
<td>maximum 150 mm</td>
<td>170 mm – 400 mm</td>
<td>2</td>
</tr>
</tbody>
</table>

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<tr>
<th>Machine type</th>
<th>Flange diameter</th>
<th>Traverse</th>
<th>Winding positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP 03</td>
<td>maximum 260 mm</td>
<td>40 mm – 350 mm</td>
<td>2</td>
</tr>
<tr>
<td>SP 05</td>
<td>maximum 350 mm</td>
<td>60 mm – 640 mm</td>
<td>2</td>
</tr>
<tr>
<td>SP 07</td>
<td>maximum 400 mm</td>
<td>300 mm – 800 mm</td>
<td>1</td>
</tr>
<tr>
<td>SP 08</td>
<td>maximum 560 mm</td>
<td>500 mm – 900 mm</td>
<td>1</td>
</tr>
<tr>
<td>SP 09</td>
<td>maximum 1000 mm</td>
<td>800 mm – 1500 mm</td>
<td>1</td>
</tr>
</tbody>
</table>

**Fully-automatic bobbin winding machines**

<table>
<thead>
<tr>
<th>Machine type</th>
<th>Traverse</th>
<th>Winding positions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPA 200</td>
<td>30 mm – 63 mm</td>
<td>27 mm – 200 mm</td>
</tr>
<tr>
<td>SPA 280</td>
<td>40 mm – 78 mm</td>
<td>200 mm – 280 mm</td>
</tr>
<tr>
<td>SPA 320</td>
<td>50 mm – 100 mm</td>
<td>280 mm – 320 mm</td>
</tr>
<tr>
<td>SPA 320/80</td>
<td>80 mm – 100 mm</td>
<td>100 mm</td>
</tr>
<tr>
<td>SPA 400</td>
<td>100 mm – 150 mm</td>
<td>280 mm – 400 mm</td>
</tr>
</tbody>
</table>

The types SPA 200, 280 und 320 are also available with snap or clips system, full bobbin storage and as M-version (multiple bobbin formats)

**Pay-off creels for bobbin winding machines**

GUG for glass yarns available with 8, 12, 16, 24 positions.
GU 12 E "economic" – economic and cost efficient, arrives packed in a carton box with some assembly required!
GU 8/16 with 16 positions and 8 control units.
GU 16/32 with 32 positions and 16 control units.
GU 8/8 with 8 large disc brakes.
GU 16/16 with 16 large disc brakes.
GRP 4, 8, 12, pneumatic, with 4, 8 or 12 controlled positions.

**Pay-off creels for packing braiders and stranding machines**

GR 18, 28
GR 30, 100, 120, 260

**Rewinding units**

USP 300
USP 300 M
USP 550
USP 550 PN

**Bobbin strippers**

RAW 01
**USP 300**

**Rewinding unit**
- For parallel winding of cords with 1 – 6 mm diameter
- For flanged bobbins with a max. diameter of 300 mm and a winding length of 300 mm max.
- Infinitely adjustable winding speed, constant during the winding process
- Exact parallel winding thanks to a UHING unit

**USP 550**

**Rewinding unit**
- Suitable for the rewinding of ropes with a diameter of 5 – 25 mm
- For flanged bobbins with a max. diameter of 400 mm and a winding length of 550 mm max.
- Infinitely adjustable winding speed, constant during the winding process
- An optical fault detector and a disentangling unit are available as an option
**Bobbin winding machine**

- Fully-automatic winding machine with 4 positions
- For bobbins with a flange diameter of 30 – 63 mm and a traverse of 27 – 200 mm
- Precise winding process for different bobbin sizes thanks to a Uhing device and an automatic adjustment of the winding length
- Bobbin magazine with automatic supply
- Convertible to handle various bobbin sizes
- Each yarn guide can be adjusted individually
- Labour-cost saving, many extras like yarn retention by clips or snaps and storage systems
- Electronic traverse system or rollring drive

**SPA 200**

**Bobbin winding machine**

- Semi-automatic winding machine with 4 positions
- For bobbins with a max. flange diameter of 120 mm and a traverse of 30 – 320 mm
- Precise winding process for different bobbin sizes thanks to a Uhing device and an automatic adjustment of the winding length
- Easy and flexible operation
- Infinitely adjustable speed control with potentiometer
- Each winding position with fine adjustment
- Electronic metercounter with pre-selection stop

**SPA 200**

**Bobbin winding machine**

- Fully-automatic winding machine with 4 positions
- For bobbins with a flange diameter of 30 – 63 mm and a traverse of 27 – 200 mm
- Bobbin magazine with automatic supply
- Convertible to handle various bobbin sizes
- Each yarn guide can be adjusted individually
- Labour-cost saving, many extras like yarn retention by clips or snaps and storage systems
- Electronic traverse system or rollring drive
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- For bobbins with a flange diameter of 30 – 63 mm and a traverse of 27 – 200 mm
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- Labour-cost saving, many extras like yarn retention by clips or snaps and storage systems
- Electronic traverse system or rollring drive

SPA 200

Guarantees a stop of the winding process upon yarn breakage, indication with LED lights

GU 16/32

Pay-off creel GU

- The universal solution, 32 positions and 16 control units, for overhead take-off
- Brakes guarantee a stop of the winding process upon yarn breakage, indication with LED lights
- Also available as type GU 16/16, 4/8, 8/16
- 16 positions, fitted with either 16 large disc brakes or 16 magnum brakes, depending on the application

GU 16/32

Pneumatic pay-off creel

- Available with 4, 8 or 12 positions for a rolling take-off
- Compatible with any bobbin winding machine equipped with a brake motor
- Electrical stop control of individual yarns
- Individual brake unit, adaptable to the type of material used
- Yarn length equalizer for a perfect winding process is available as an option

HLM 1500

Stranding machine

- For strands in “S” or “Z” construction, diameter from 10 up to 52 mm
- PLC system, setting of all parameters through a touch panel display
- For bobbin size 820 x 1500 mm or 950 x 1500 mm
- Optimised for the processing of HMPE fibers
- Stranding machines are also available for smaller bobbin sizes and strand diameters
Bobbin winding machine

- Fully-automatic winding machine with 4 positions
- For bobbins with a flange diameter of 30 – 63 mm and a traverse of 27 – 200 mm
- Bobbin magazine with automatic supply
- Convertible to handle various bobbin sizes
- Each yarn guide can be adjusted individually
- Labour-cost saving, many extras like yarn retention by clips or snaps and storage systems
- Electronic traverse system or rollring drive

SPA 200

Pay-off creel GU

- The universal solution, 32 positions and 16 control units, for overhead take-off
- Brakes guarantee a stop of the winding process upon yarn breakage, indication with LED lights
- Also available as type GU 16/16, 4/8, 8/16
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Gu 16/32

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- Available with 4, 8 or 12 positions for a rolling take-off
- Compatible with any bobbin winding machine equipped with a brake motor
- Electrical stop control of individual yarns
- Individual brake unit, adaptable to the type of material used
- Yarn length equalizer for a perfect winding process is available as an option

GRP 8

Stranding machine

- For strands in “S” or “Z” construction, diameter from 10 up to 52 mm
- PLC system, setting of all parameters through a touch panel display
- For bobbin size 820 x 1500 mm or 950 x 1500 mm
- Optimised for the processing of HMPE fibers
- Stranding machines are also available for smaller bobbin sizes and strand diameters

HLM 1500

Bobbin winding machine

- Semi-automatic winding machine with 4 positions
- For bobbins with a max. flange diameter of 120 mm and a traverse of 30 – 320 mm
- Precise winding process for different bobbin sizes thanks to a Uhing device and an automatic adjustment of the winding length
- Easy and flexible operation
- Infinitely adjustable speed control with potentiometer
- Each winding position with fine adjustment
- Electronic metercounter with pre-selection stop

SP 320

Herzog