

The bobbin makes the difference



SPA 200

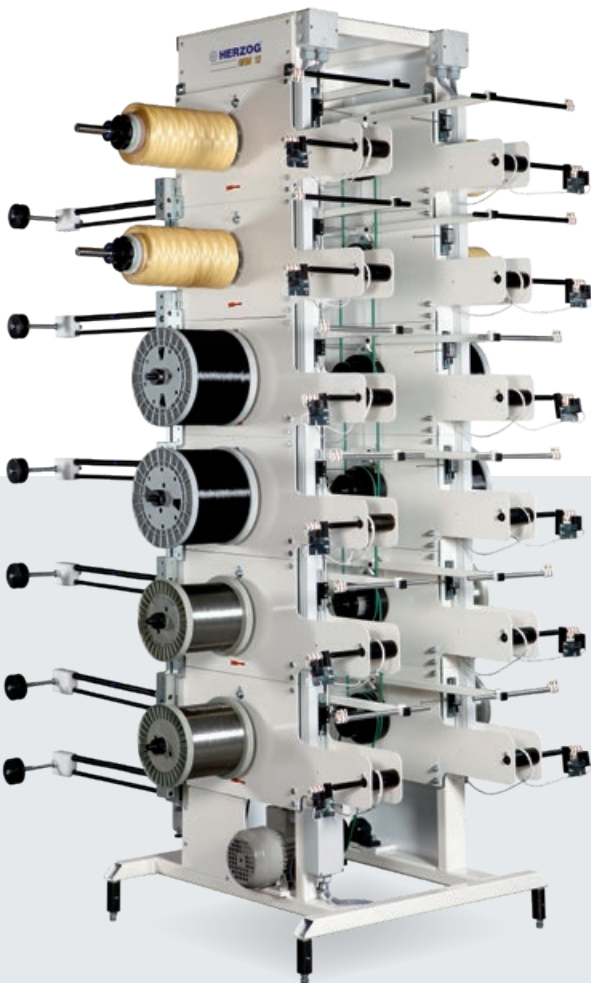
Fully-automatic winding machine

- Four winding positions
- For bobbins with a diameter of 30 – 63mm and a traverse of 80 – 200mm
- Electronic traverse system Eltra or Uhing
- All winding parameters to be adjusted via PLC
- Bobbin magazine with automatic supply
- Convertible to handle various bobbin sizes
- Each yarn guide can be adjusted individually
- Infinitely variable speed from 1600 to 4100r.p.m.
- Labour-cost saving, many extras like yarn retention by clips or snaps and storage systems

USP 300 Eltra

Rewinding unit for cords with 1 – 6mm diameter

- Winding on flanged reels up to
Ø 300mm x 300mm traverse
- Electronic traverse system Eltra
- All winding parameters to be adjusted via PLC
- Constant number of spindle revolutions of
90 - 900r.p.m. or constant yarn speed of 30 – 300m/min
- Length measurement via sensor at a measuring wheel



GM 12

Pay-off creel

- For very fine yarns, fine wires and monofilaments
- With 12 pay-off positions, actively driven
- For drums DIN 160, 200 or 250 with a maximum
weight of 15kg
- All winding parameters to be adjusted via PLC
- Brake force adjustable by a dancer system
- A radial pay-off with light and constant yarn tension
is guaranteed

SP 280 Eltra

Semi-automatic winding machine

- Four winding positions
- For bobbins with a maximum diameter of 120mm and a traverse of 25 – 280mm
- Electronic traverse system Eltra
- All winding parameters to be adjusted via PLC
- Touchpanel including a database for up to 999 products and menu navigation in different languages
- Infinitely variable speed from 350 to 5000r.p.m.
- Constant yarn- or spindle speed
- Meter- or layercounter



SPA 400

Fully-automatic bobbin winding machine

- Two winding positions
- For bobbins with a diameter of 87 – 135mm and a traverse of 320 – 400mm
- Electronic traverse system Eltra or Uhing
- All winding parameters to be adjusted via PLC
- Bobbin magazine with automatic supply
- Convertible to handle various bobbin sizes
- Each yarn guide can be adjusted individually
- Infinitely variable speed from 400 to 1200r.p.m.
- Labour-cost saving, many extras like yarn retention by clips or snaps and storage systems



SP 320

Semi-automatic bobbin winding machine

- Four winding positions
- For bobbins with a max. diameter 120mm and a traverse of 30 – 320mm
- Precise winding process for different bobbin sizes thanks to electronic traverse system Eltra or Uhing
- Automatic adjustment of the winding length
- Easy and flexible operation
- Infinitely variable speed from 400 to 1500r.p.m.

HLM 1500

Stranding machine

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



SP 280 Eltra for carbon fiber

Semi-automatic winding machine

- Four winding positions
- For bobbins with a maximum diameter of 120mm and a traverse of 30 – 280mm
- Lateral yarn feeding
- Special yarn guides for carbon fiber
- Infinitely variable speed from 800 to 3300r.p.m.
- Constant yarn- or spindle speed



Semi-automatic bobbin winding machines

Machine type	Winding positions	Flange diameter	Inner Length	Traverse
SP 280	4	maximum 120mm	25mm – 280mm	Eltra
SP 280E	4	maximum 120mm	30mm – 280mm	Uhing
SP 320	4	maximum 120mm	25mm – 320mm	Eltra
SP 320E	4	maximum 120mm	30mm – 320mm	Uhing
SP 400	2 or 4	maximum 150mm	170mm – 400mm	Eltra
SP 400E	2 or 4	maximum 150mm	170mm – 400mm	Uhing
SP 05	2	maximum 350mm	60mm – 640mm	Uhing
SP 07	1	maximum 400mm	300mm – 800mm	Uhing
SP 08	1	maximum 560mm	500mm – 900mm	Uhing
SP 09	1	maximum 1000mm	800mm – 1500mm	Uhing

Fully-automatic bobbin winding machines

SPA 200	4	30mm – 63mm	80mm – 200mm	Eltra
SPA 200E	4	30mm – 63mm	80mm – 200mm	Uhing
SPA 280	4	40mm – 78mm	200mm – 280mm	Eltra
SPA 280E	4	40mm – 78mm	200mm – 280mm	Uhing
SPA 320	4	50mm – 100mm	280mm – 320mm	Eltra
SPA 320E	4	50mm – 100mm	280mm – 320mm	Uhing
SPA 320/80 (wire)	4	75mm – 100mm	70mm – 100mm	Eltra
SPA 350	1	63mm – 100mm	200mm – 350mm	Eltra
SPA 400	2	100mm – 150mm	280mm – 400mm	Eltra

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

Pay-off creels

We offer rolling, overhead or driven pay-off creels, tailor-made for your material to guarantee a perfect winding process.

Rewinding machines

USP 300 for products with 1-6mm diameter. Traverse control via Eltra or Uhing.
 USP 300M for products up to 2.5mm diameter. Parallel winding of up to 15 flange bobbins in a package.
 USP 550 for products with 5-25mm diameter. Traverse control via Uhing or traverse fingers.
 USP 550PN for products with 5-25mm diameter. Traverse control via Uhing or traverse fingers.
 Drum take-up with pneumatic control.

Attention!

When winding tear-resistant materials, safety devices like fences or photoelectric barriers have to be installed around the area where the yarns run, in order to protect the operator and third parties.

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