

DRATEX high-speed braiding machines

UNIDRA wire braiding machines

UNITEX high-speed braiding machines

Helix winding machines

Winding machines



“We talk about the value first, then about the price.”

(Schnellflechter Berlin GmbH)

Winding machines

type 5030

type 5031

TECHNICAL FEATURES

- driven by a d. c. controlled motor allowing the continuous selection of bobbin speed, which is held constant during the winding process
- automatic soft machine start-up and good synchronisation between the winding and take-off points during starting and stopping
- continuous adjustment of traverse width and traverse pitch during winding
- precision adjustment and correction of wire pull-off forces at the take-off points, even while the machine is running
- suppression of length differences in the wire bundle by a wire homogenizing system between the take-off and winding points
- digital readout of wire length and winding speed
- automatic machine shut-down when single wires or bundles break, or when the preset metre length or the end of the wire are reached

Technical specifications	winding machine type 5030	winding machine type 5031
number of winding points	2	
number of wires per bobbin	2 – 12	
winding speed continuously selectable	1 – 9 m/s, constant	
soft start time	30 s, automatic	
bobbin diameter, max.	125 mm	120 mm
traverse width, continuous	40 – 110 mm	
traverse pitch, continuous	0.5 – 6.5 mm	
motor output	4.3 kW	
ground area	925 x 1050 mm	
machine weight	400 kg	
noise level	75 d(A)	

	overhead take-off type 5030-400	rack-type take-off type 5031-400
number of bobbin holders per construction unit	4	12
spooling and winding material	wire of copper 0.05 – 0.30 mm textile and plastic yarns, fibreglass	wire of spring steel 0.1 – 0.32 mm steel wire Ø 0.1 – 0.4 mm
bobbin dimensions: flange diameter, max. outer width, max.	250 mm 240 mm	250 mm 200 mm
floor space	500 x 600 mm	910 x 1350 mm
weight	80 kg	560 kg

Schnellflechter Berlin - Worldwide market presence.

“Nowadays people know the price of everything and the value of nothing.”

(Oscar Wilde)

Schnellflechter Berlin GmbH was founded in 1908 by Guido Horn as the first specialised factory for high-speed braiding machines.

The long company history tells of more than 50 new developments and more than 250 patents.

This tradition of development and manufacturing of “Horn’s braiders” is an excellent basis for quality and reliability.

Innovations are part of the dynamic development of the company and determine its technological competence.

The experience of the R & D engineers and the longstanding team of mechanical engineers at Schnellflechter Berlin GmbH guarantee the customer high technical product standards.

As your strong and capable partner we offer you individual problem solutions distinguished by special efficiency and high precision.

Modern, customer-friendly structures in our sales organization are the basis for Schnellflechter Berlin GmbH’s worldwide professional market presence and its flexible service.

Schnellflechter Berlin - Quality and reliability.

Winding machines

type 5030

type 5031

APPLICATIONS: Winding disk bobbins for

- braiding machines
- bobbin lace machines
- helix winding machines

HOW THEY WORK: Transfer of several wires or threads from large delivery bobbins to machine-specific disk bobbins

SPOOLING AND WINDING MATERIAL:

For the 5030 winding machine:

- copper wires
- textile and plastic yarns, fibreglass

For the 5031 winding machine:

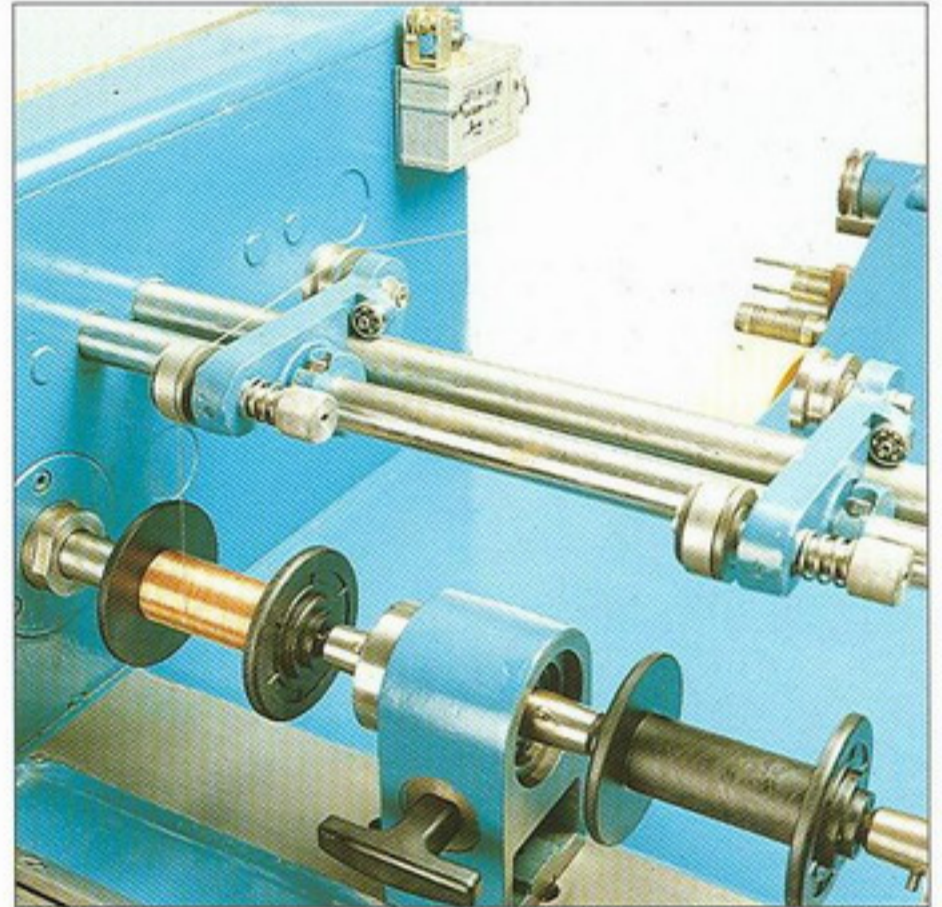
- steel and spring steel wires

WHAT WE OFFER: Handling of various bobbin sizes by type 5030 with overhead take-off for stationary bobbins, by type 5031 with rack-type take-off for rolling bobbins

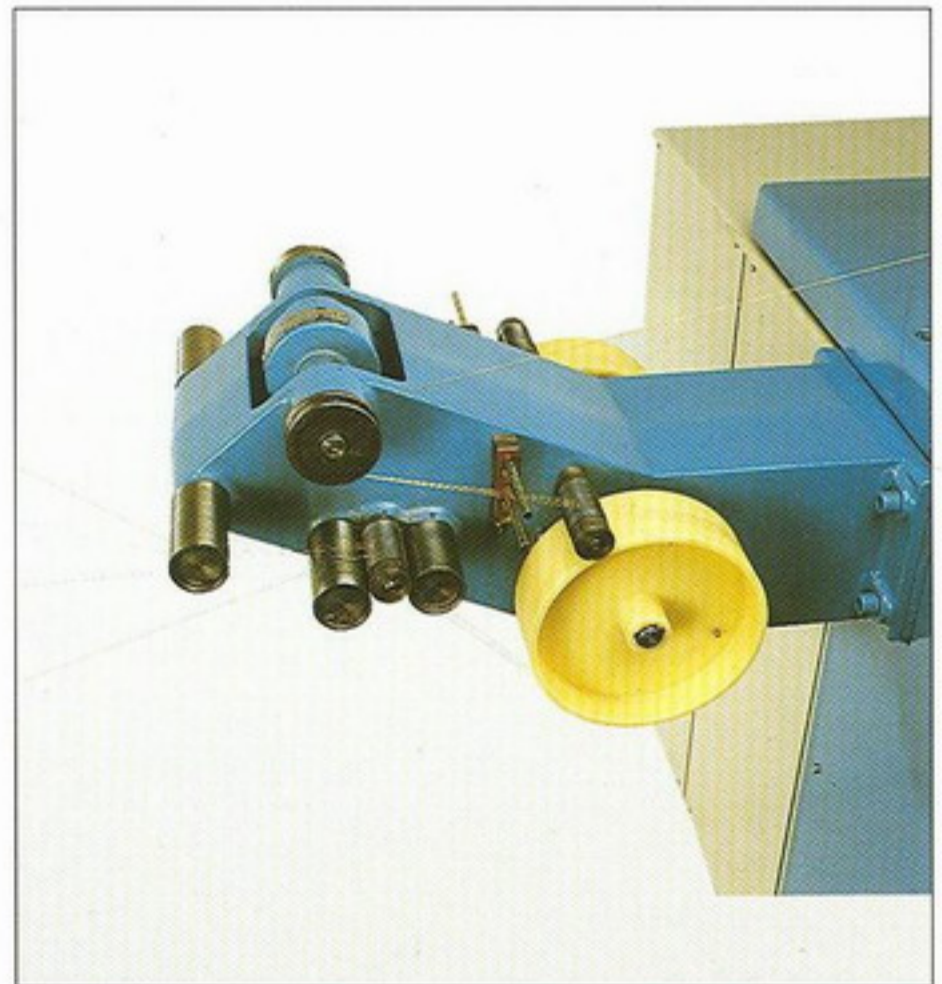
- ideal technological adaptation to the winding process
- high production performance
- good winding quality with minimum length differences
- high reliability
- safe operation
- versatile use of the bobbin unit for copper and steel wires, as well as for textile materials
- low maintenance
- excellent price/performance ratio

YOUR

ADVANTAGE:



Bobbin holding and traverse guiding device



Wire homogenizing system

Schnellflechter Berlin - High value at an attractive price.

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Schnellflechter Berlin · Made in Germany

