



High-performance winding machine

MCW5

our performance for your profit

Manufacturing first-rate reinforcements requires first-rate winding quality. That is why we recommend combining our braiders and the MCW5 coil winder, which rounds off our product portfolio. For the customer that means Mayer & Cie. is a competent partner in two areas.

Performance data for the MCW5 winding machine

- ✓ Machine for winding wires with diameters of 0.15 to 0.71 mm
- ✓ Free programming of production parameters
- ✓ Constant high-quality reproducible results
- ✓ Robust, low-maintenance machine design
- ✓ Winding speeds of up to 12 metres per second
- ✓ CE-compliant
- ✓ Made in Germany





Winding Unit:

Winding combines two movements. In addition to rotating at up to 12 metres per second the MCW5 performs a transverse laying movement (50-200 mm), thereby ensuring accurate reversal of the coil flange that is laser-detected.

Winding tension is infinitely variable, ranging from 5 to 16 N.



Run-Off Unit:

The MCW5-LT21 standard winding machine can take up to 12 coils. With modular expansion of coil take-up, unwinding of up to 32 coils is possible.

The hysteresis brake, a sophisticated electromagnetic system, ensures controlled tension monitoring and a high-quality winding result.



Control Unit:

The touchscreen control panel's clear layout ensures a high degree of user-friendliness. In all, 99 memory spaces are available for winding programs – with defined winding parameters, tensions, speeds, deflection points, etc.

Technical Highlights

Winding speed:	max. 12 m/sec.	Bobbin diameter flange:	250 mm
Spindle speed:	2600 min ⁻¹	Traversing width:	50 - 200 mm
Wire diameter:	0.15 - 0.71 mm	Space area:	3.8 m x 2.3 m
Number of ends:	max. 32	Power consumption:	10 kw
Wire tension force let off:	5 - 16 N	Sound pressure level:	≥ 75 dB
Wire tension force take up:	50 - 150 N	Control unit / Input unit:	PLC / Touch