

# AM 3175

Layer Winding Machine

The **AM 3175** is designed for the manual, semi or fully automatic production of instrument transformer coils, medium capacity distribution transformer coils and any other coils with layer insulation. The modular concept allows to upgrade the machine to run in fully automatic process.

## Technical machine data

Winding width	1,500 mm
Center width	1,700 mm
Dimension (LxBxH)	3,200x2,500x1,800 mm
Weight	approx. 2,200 kg
Power supply	3x 400(480)V, 50(60)Hz
Compr. air supply	6 bars, dry and oil free
Tailstock	pneumatic operated

## Wire & Coil

Wire type	round / flat wire
Wire cross section	max. 100 mm <sup>2</sup>
Coil width	max. 1,500 mm
Outer coil diameter	max. 600 mm
Coil weight incl. mandrel (depend on the machine equipment)	max. 800 kg
Max. coils parallel	2 pcs



Picture 1: AM3175 in fully automatic version

## Drive variations

Drive power [kW / hp]	11 kW [15 hp]
Max. torque of winding axis [Nm]	500
Max. speed of winding axis [1/min]	450

## Control & Security

WiCount CNC-control in 19" PC rack  
 External control panel  
 Network connection  
 Programmable foot pedal  
 Electronic controlled tailstock  
 All over safety guard on operator's side

## Accessories

Expandable and swiveling Mandrel  
 Multiple wire guide  
 Insulation feeding system  
 Border strip feeding system  
 Gluing device  
 Cutting system  
 Heating system  
 Maintenance contract

Variation of the individual variations as described upon request!