

FWM ECO series



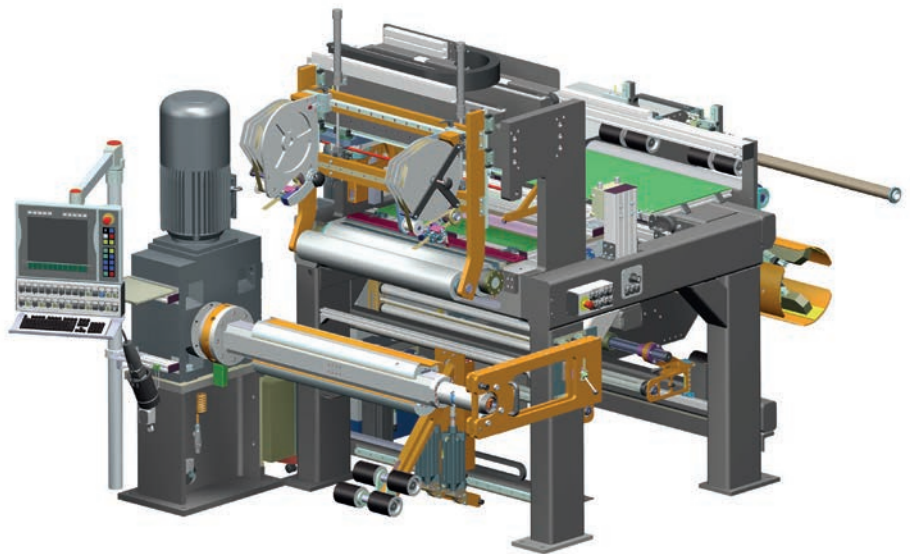
Low voltage coils for power and distribution transformers

Basics

- Cold-press-welding or TIG-welding unit
- 2 insulation foil dereelers
- Round, oval and rectangular coils
- Control system with network connection and remote maintenance
- Backward winding possible

Options

- 2 conductor foils (on top) – only with TIG
- Counter bending roll
- End-fill strip feeders
- Edge-alignment of conductor foil
- Pressing arm at the winder
- Edge deburring unit
- Insulation loading cart



Coil	FWM eco 700	FWM eco 1000	FWM eco 1300
Coil diameter	300 – 800 mm 11.8 – 31.5"	300 – 800 mm 11.8 – 31.5"	300 – 800 mm 11.8 – 31.5"
Coil width	720 mm, 28.3"	1,020 mm, 40.1"	1,320 mm, 52"
Weight	1,000 kg / 2,204 lb.	1,000 kg / 2,204 lb.	1,000 kg / 2,204 lb.

Basic Data	FWM eco 700	FWM eco 1000	FWM eco 1300
Conductor foil width	120 – 700 mm 4.7 – 27.5"	250 – 1,000 mm 9.8 – 39.3"	350 – 1,300 mm 13.7 – 51.1"
Conductor foil thickness	0.25 – 3.0 mm 0.0078 – 0.11"	0.25 – 3.0 mm 0.0078 – 0.11"	0.25 – 3.0 mm 0.0078 – 0.11"
Winding speed	0 – 20 rpm	0 – 20 rpm	0 – 20 rpm
Conductor material	Al / Cu	Al / Cu	Al / Cu
Cold press welding force	80 – 500 kN	80 – 500 kN	80 – 500 kN
TIG welding current	-	Max. 500 A AC/DC	-
Max. Insulation width	720 mm / 28.3"	1,020 mm / 40.1"	1,320 mm / 52"
Insulation thickness	0.075 – 0.25 mm 0.0029 – 0.98"	0.075 – 0.25 mm 0.0029 – 0.98"	0.075 – 0.25 mm 0.0029 – 0.98"
Machine Dimensions (L x W x H)		3,400 x 2,600 x 2,300 mm 133 x 102 x 90"	

Machines with different specifications are available on request.