



EFECO 600/800 Foil Winding Machine

With the EFECO product group, Tuboly-Astronic has succeeded in designing an efficient but inexpensive winding machine. A high degree of standardisation and clearly-defined options make this unbeatable value for money possible.

The EFECO foil winding machine is used to wind low voltage coils for distribution transformers.

The machine is equipped with one conductor foil decoiler and one or two insulation decoiler.

An efficient cold pressure or TIG welding system can be used to connect leadouts with the conductor foil. The exact positions for the leadouts are pre-calculated by the modern machine software.

Benefits at a glance

- Constant controlled foil and insulation tension with diameter compensation
- Efficient cold pressure welding system
- TIG welding system with motor driven torch guiding
- Automatic calculation of stop points for leadouts etc.
- Flexible software, simple programming, operator guidance on the touch screen
- Automatic foil edge control system
- Swiss quality with an unbeatable cost /performance ratio
- Long machine life time
- Remote support

		EFECO 600	EFECO 800
Conductor foil			
Foil width	mm	120–600	150–800
Foil thickness (Al)	mm	0.3–2.0	0.3–2.5
Foil thickness (Cu)	mm	0.2–1.8	0.2–2.0
Conductor foil decoiler			
Number of decoiler		1	1
Coil weight	kg	2000	2500
Insulation decoiler			
Number of decoiler		1–2	1–2
Insulation width	mm	120–660	150–860
Insulation thickness	mm	0.08–0.3	0.08–0.3
End filler strip decoiler			
Number of strips per side		max. 2	max. 3
Strip width	mm	10–30	10–30
Strip thickness	mm	0.2–1.0	0.2–1.0
TIG-welding unit			
TIG-welding machine	A	300	400
Winder			
Rotation speed	rpm	40	40
Coil diameter	mm	500	500
Weight of coil	kg	600	800

Available options

- End filler strip decoiler
- Second insulation decoiler
- Insulation edge trimming device
- Counter bending roller
- Foil grinding station
- Motor driven conductor foil feed roller
- Foil edge treatment device
- Foil cleaning device
- Protection paper rewinder
- Winding mandrel

Tuboly-Astronic AG

Bleicheweg 5
5805 Dottikon · Schweiz

T +41 56 616 73 73
F +41 56 616 73 74
office@tuboly-astronic.ch
www.tuboly-astronic.ch

Tuboly-Astronic 