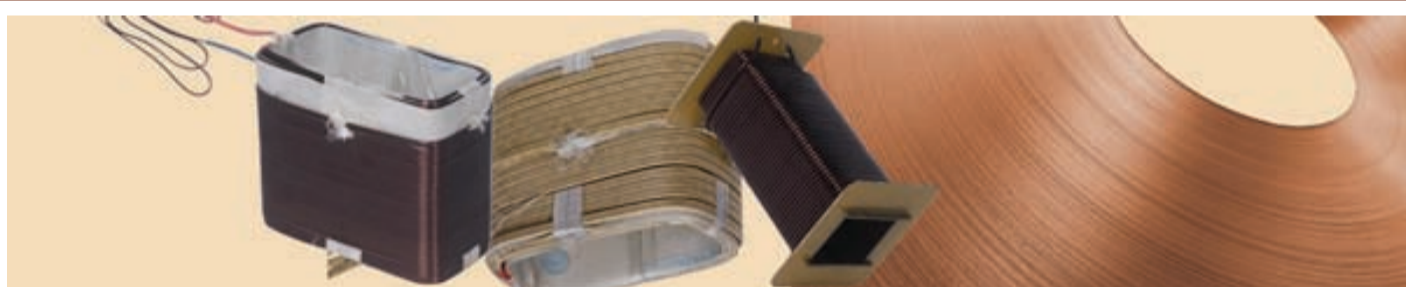
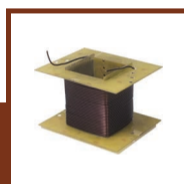


## AEF Linear Winding Machine

Winding Machine with extra large dimension coils for ease in operator intervention for insertion of inter-layer insulation.



**AEF-01**



### PRODUCTION CAPABILITY

### AEF-01

Wire Diameter (mm)	0.5 to 5
Winding Width (mm)	450/(600 Optional)
Bobbin Diameter (mm)	500
No. of Coils	Two coils for width < 200 mm
Speed	100RPM
Strip Width (mm)	15.0 x 3.0

### SALIENT FEATURES

Control System	16 Bit Micro Controller
Display	40 X 2 backlit LCD
Programming	Menu driven programming like RUN, ADD MODIFY, COPY, DELETE, LIST
Memory	95 with 9 section
Online Correction	Layer stop, Brake, Winding width, Wire diameter, Speed, Spindle locking, Guide position
Annunciation	Over speed, Layer stop, Brake
Counting	Up/Down with wire guide tracking
Production Counter	Yes
Speed Indication	Yes
Section Winding	Up to 9 section
Winding Direction	CCW
Winding Type	Layer, Section, Bifilar, Tapping
Continuous Display	Program no., Section, Total turns, Pitch, Width, Offset, Turns wound
Speed Control	AC Vector driven controlled with speed knob
Jog Operation	With foot switch
Acceleration	Linear slope
Power Supply	SMPS
Programmable Parameters	Program no., Section, Offset, Width, Turns, Pitch, Deceleration turns,
Standard Accessories	Home position, Spindle lock, Layer end slow Wire straightening cum wire guide, Tail stock
Optional Accessories	Pneumatic pressure assembly (as shown in picture)
Applications	Power transformers, Distribution transformers, LV/HV transformer coils, etc.
Modification	As per customer requirement

### TECHNICAL SPECIFICATIONS

Main Motor	3 HP AC
Traverse Motor	Servo motor with ball screw and guide way
Max. Turns	65535
Supply Voltage	440 ± 10% AC, 3 phase, 50Hz with neutral and 220 ± 5% AC, 50 Hz
Power Consumption	2550 W
Dimension (mm) WxDxH	1500 x 620 x 1120

For improving performance, ACME Mechatronics reserves the right to make changes in specifications and machines without prior notice.



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