

AEX Series Linear Winding Machine

A high speed winding machine with compact construction having casting for robust mechanical unit and wider LCD display for ease in programming. Suitable for miniature to complex coil with customization facility.



AEX-02

Double Spindle Side Loading Machine



AEX-01

Single Spindle Side Loading Machine



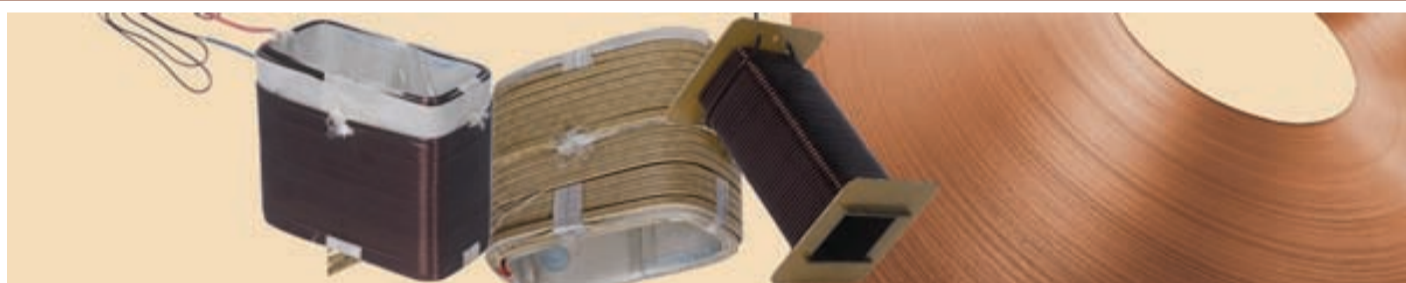
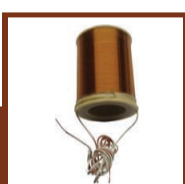
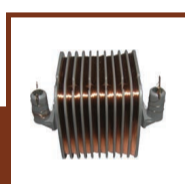
AEX-04

Four Spindle Front Loading Machine



AEX-02

Double Spindle Front Loading Machine



PRODUCTION CAPABILITY	AEX-01	AEX-02
Wire Diameter (mm)	0.02 to 1.00	0.02 to 0.80
Winding Width (mm)	100	70
Bobbin Diameter (mm)	80	60
Speed (max.)	9000 RPM	8000 RPM

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, Wire cut, Layer stop, Brake
Counting	Up/Down with wire guide tracking
Spindle Positioning Control	In Step of 18 degree (0.05 turns)
Production Counter	Yes
Speed Indication	Yes
Section Winding	Up to 9 section per program
Dual Brake Turns	Programmable
Winding Direction	Programmable CW/CCW
Winding Type	Layer, Section, Bifilar, Pyramid, Tapping
Continuous Display	Program no., Section, Speed, Total turns, Pitch, Width, Offset, Angle, Speed, Turns wound
Speed Control	PWM controlled, Programmable
Acceleration	Programmable, Parabolic slope
Power Supply	SMPS for wide operating range
Programmable Parameters	Program no., Section, Acceleration turns, Speed, Angle(degree), Offset, Turns, Width, Pitch, Deceleration turns, Brake turns, Home position, Direction, Spindle lock, Auto start
Optional Accessories	Tail stock, Tape attachment, Graduated tensioner unit
Applications	SMPS & small transformers, WWR, Ignition coils, Multi section coils, Inductive coils, etc.
Modification	As per customer requirement

TECHNICAL SPECIFICATIONS			
Main Motor	0.25 HP DC		
Traverse Motor	0.9 Deg, Stepping motor		
Max. Turns	65535		
Supply Voltage	230 ± 5% AC, 50 Hz, 110 ± 10% AC, 60 Hz		
Power Consumption	275 W		
Dimension (mm) WxDxH	425 X 350 x 620 mm	425 X 350 x 620 mm	750 X 425 x 810 mm

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



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