

# AX3

Single spindle  
WINDING MACHINE



# AX3 Single-Spindle Winding Machine

## FEATURES

1. The spindle speed in rpm's can be set directly in the program. Acceleration and deceleration speed are also set in the program, making it unnecessary to set a separate braking turns count. The 400w variable speed induction motor with pulse Width Modulation(PWM) control is standard on the AX-3.
2. The servo motor control makes for accurate positioning and continuously monitored quick response adjustment even at high speed. With a maximum of 80mm/sec., the AX-3 is suitable for most pitch winding applications.
3. Programming is made easy through the on-line programming feature. the various winding capabilities include varying pitch, winding width or speed during winding, and pitch winding.
4. Traverse correction feature corrects the traverse position when it runs ahead of or behind the wire.
5. Connection to a personal computer through the USB port is used to up load and down load programs for infinite program storage capacity. (The software is sold separately.)
6. The GPIO port allows you to sequence the operation of the winder with accessories such as hot air-guns, skeiners and others.

## SPECIFICATIONS

Bobbin Outer Diameter	150mm Max.
Winding Width	100 mm Max.
Wire Range	AWG 53 to AWG 14 (0.018 to 2.0mm)
Spindle Motor	Induction Motor 200V,400W
Spindle Speed	Fine Wire 10,000/4,000/1,400 rpm (3-step pulley) Heavy Wire,1,400 rpm
Traverse Motor	DC Servo Motor 35w
Traverse Speed	80mm/sec Max.
Traverse Pitch	0.001 - 9.999mm
Traverse Stroke	100mm MAX
Internal Memory	999 Steps
Safety Guard	Right and Left Opening,Programmable Feature (The machine automatically starts when the guard is closed and stops when opened.)
External Interface	USB is built-in Internal Sequence Feature (Software Sold Separately)
Display	LCD Back Light(4lines 40 characters each)
Input	Menu Method through Sheet Switch
Power Requirement	Single Phase 50/60 Hz 100,110,115,120 VAC version 200,220,230,240 VAC version
Power Consumption	600W
Dimensions	450(W) × 300(D) × 400(H) mm
Weight	36 Kg

●Because of improvement, the specifications are subject to change without notice



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