

Model

# Large-size $\alpha$ (alpha) shaped coil coiling machine



*Challenge To The Future*

## Description

1. Beautifully coiled shape.
2. Stable electric characteristics ensured by high quality coils produced.
3. Takt time: 60 sec/coil (two lines each with 20 windings).

## Specification

Model	<b>FWα-60</b>
Applicable wire width diameter range	1.0 - 5.0 mmW
Outside diameter of coil	φ120 mm (max.)
Takt time	abt. 60 sec/20 T x 2 lines
Winding method	2-spindle method
Spindle diameter	φ60 mm (max.)
Spindle rotating speed	6.0 r/s (max.)
Number of control axes	1-axis servo motor (200 W) + 1-axis servo motor (400 W) 1-axis servo motor (750 W) + 1-axis servo motor (1.0 kW)
Control method	Special controller of touch panel type
Tensioning method	Torque keeper-controlled constant-force tensioning
Air source pressure	abt. 0.5 MPa
Power source	AC200V, 60 Hz (50 Hz), 3-phase
Electric capacity	abt. 5.6 kW
Dimensions	1400 mm (W) × 1200 mm (D) × 2400 mm (H)