

^ AUTOMATIC COIL WINDING

PME-8008 SERIES

MODELS

8008

8012

8016

8020

A multi-spindle automatic winder for high-volume coil and transformer production, built on Japanese core components, a heavy cast-iron body and quick-change fixtures.

12,000 rpm
SPINDLE SPEED

0.02-0.4 mm
WIRE DIAMETER

8-16
SPINDLES

200 mm/s
XYZ-AXIS SPEED



KEY FEATURES

^ Japanese core components

Core components imported from Japan for high reliability, durability and a longer machine life.

^ Quick-coupling fixtures

A quick, easy coupling fixture design cuts the time needed to change models.

^ Precision tensioner

Anti-tension control delivers a smooth, even wire spread.

^ Simple to run and maintain

A simple structure that is easy to operate and easy to service.

^ Computer or touch-panel programming

Program from a computer or the touch panel, with password protection.

^ Three nozzle angles

Nozzle beam positioning at 0°, 90° or 135° for winding at different angles.

^ Heavy cast-iron body

The main body of the machine is heavy cast iron for stability.

^ Automation options

Add auto loading and unloading, auto taping, wire clip and break, or enamel removal.

SPECIFICATIONS

MODEL	PME-8008	PME-8012	PME-8016
No. of spindles	8	12	16
Wire diameter	0.02–0.4 mm		
Spindle speed	12,000 rpm		
Frame max.	40 mm	35 / 60 mm	35 mm
Spindle pitch	45 mm		
Servo-motor power	750 W / 1,500 W / 3,000 W (option)		
Spindle diameter	10 mm (standard) / 12 mm (special)		
XYZ-axis travel	X: 110, Y: 150, Z: 70		
XYZ-axis speed	200 mm/s		
Control system	Programmable logic controller		
Electric source	AC 220 V, 50/60 Hz		
Dimensions (L × W × H)	1,350 × 1,250 × 1,400 mm		
Unit weight	750 kg	800 kg	850 kg

PME-8020: [add specifications]. Specifications are subject to change without notice.

OPTIONAL FUNCTIONS

- Auto loading and unloading
- Auto taping
- Auto wire clip, wire break and waste-wire discharge

OPTIONAL DEVICES

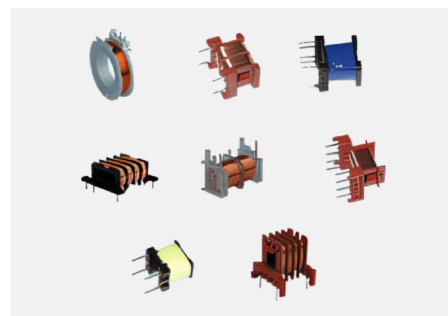
- Auto skeiner
- Pneumatic scissors or cutter
- Automatic enamel-layer removal device



Front view



With spool and tensioner stand



Typical wound components