COIL WINDING MACHINE SERIES

PME-
CNC SERIES

Microcomputer-controlled winding machines, 1 to 4 spindles

6 models, 1–4 spindles

Six microcomputer-controlled models with 1 to 4 spindles for mini and power supply transformers, relays and high-voltage ignition coils, with easy setting and precise spreading.

1–4
SPINDLES PER MACHINE

6,000 rpm
MAX. SPINDLE SPEED

0.02–3.0 mm
WIRE DIAMETER RANGE

0–999
MEMORY INPUTS

KEY FEATURES

Transformers, relays, coils
For mini, power supply and exchangeable power supply transformers, relays and HV ignition coils.

Precise spreading control
High-precision spreading by stepping-motor traverse, set in 0.01 mm units.

Easy setting
Microcomputer control with 0–999 memory inputs keeps job setting easy.

Models from 1 to 4 spindles
Single-spindle 801, 801F and 801C, two-spindle 802 and 802F, and four-spindle 804F.

SPECIFICATIONS

SPECIFICATION	PME-801	PME-801F	PME-801C	PME-802	PME-802F	PME-804F
No. of spindles	1	1	1	2	2	4
Wire diameter	0.05–1.0 mm	0.05–1.0 mm	1.0–3.0 mm	0.02–0.6 mm	0.02–0.4 mm	0.02–0.2 mm
Spindle speed	3,000 rpm	3,000 rpm	1,400 rpm	3,000 rpm	6,000 rpm	6,000 rpm
Frame max.	100 mm	100 mm	130 mm	130 mm	100 mm	100 mm
Wire pitch	0.01–0.99 mm	0.01–0.99 mm	0.01–0.99 mm	0.01–0.99 mm	0.01–0.99 mm	0.01–0.99 mm
Control mode	Microcomputer control	Microcomputer control	Microcomputer control	Microcomputer control	Microcomputer control	Microcomputer control
Memory capacity	0–999 inputs	0–999 inputs	0–999 inputs	0–999 inputs	0–999 inputs	0–999 inputs
Traverse width	1–100 mm; 0.01 mm setting unit	1–100 mm; 0.01 mm setting unit	1–100 mm; 0.01 mm setting unit	1–100 mm; 0.01 mm setting unit	1–100 mm; 0.01 mm setting unit	1–100 mm; 0.01 mm setting unit
Main motor	AC or DC motor (brushless)	AC or DC motor (brushless)	AC or DC motor (brushless)	AC or DC motor (brushless)	AC or DC motor (brushless)	AC or DC motor (brushless)
Traverse motor	Stepping motor; 0.9° step angle	Stepping motor; 0.9° step angle	Stepping motor; 0.9° step angle	Stepping motor; 0.9° step angle	Stepping motor; 0.9° step angle	Stepping motor; 0.9° step angle
Electric source	AC 220 V, 50/60 Hz	AC 220 V, 50/60 Hz	AC 220 V, 50/60 Hz	AC 220 V, 50/60 Hz	AC 220 V, 50/60 Hz	AC 220 V, 50/60 Hz
Dimensions	L400 × W600 × H450 mm	L660 × W600 × H1,100 mm	L660 × W750 × H500 mm	L400 × W600 × H450 mm	L660 × W600 × H1,100 mm	L660 × W1,020 × H1,100 mm
Weight	32 kg	30 kg	15 kg	34 kg	34 kg	68 kg
Optional devices	Tension meter; reel cover; tail support	Tension meter; reel cover; tail support	Tension meter; reel cover; tail support	Tension meter; reel cover; tail support	Tension meter; reel cover; tail support	Tension meter; reel cover; tail support

Specifications and design are subject to change without notice.

MODELS

PME-801

PME-801F

PME-801C

PME-802

PME-802F

PME-804F