ALL-ELECTRIC SERVO RIVETING MACHINE

Model DM60-NC | Programmable fastening with process feedback



53 kN	600 mm	200 mm
MAX. FORCE	THROAT DEPTH	STROKE

CONTROL. REPEAT. ADAPT.

The DM60-NC uses an electric servo drive with pressure and displacement feedback to control the fastening process.

Programmable operation

Store multiple processing programs and set staged speed and pressing parameters for repeat work.

Application flexibility

The supplier cites use with metal and sensitive materials. Confirm the workpiece and tooling through trials.

sales@meridianstandard.net

Business mailing address
522 W Riverside Ave # 6804 | Spokane, WA 99201

TECHNICAL SPECIFICATIONS

DM60-NC | Values from the supplier brochure

SPECIFICATION	SUPPLIER-LISTED VALUE
Maximum pressing force	**53 kN**
C-frame throat depth	**600 mm**
C-frame opening height	**520 mm**
Travel / stroke	**200 mm**
Operating voltage	**440 V, three-phase**
Rated equipment power	**5.5 kW**
Current	**14 A**
Motor frequency (listed)	**50 Hz**
Riveting cycle (listed)	**2-5 seconds per cycle**
Machine dimensions	**1000 x 1400 x 2000 mm**
Machine weight	**750 kg**
Maximum fastener capacity	**Up to M8 in carbon steel**

FASTENER CAPACITY

The source lists press-in nuts, studs, and screws up to M8 in carbon steel. Actual fastening capability and cycle time depend on the application.

CONFIRM ELECTRICAL COMPATIBILITY

The brochure lists 440 V three-phase and a 50 Hz motor frequency. Compatibility with a facility's supply, including 60 Hz operation, has not been confirmed.

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CONFIGURATION & TOOLING

Listed components and accessories; confirm final scope in a written quote

MAIN COMPONENTS

Control system	**Supplier-built**
Servo drive / motor	**RuiNeng**
Servo cylinder	**Supplier-built, patented design**
Touchscreen	**MCGS**
Welded frame	**Supplier-built**
Pressure sensor	**Yuli (as listed)**
Electrical components	**Schneider**
Hand protection device	**Supplier-built, patented design**
Four-station worktable	**Supplier-built**

INCLUDED MANUAL TOOLING

Press-in nut tools	**M3-M8, one of each listed size**
Press-in stud tools	**M3-M8, one of each listed size**
Press-in screw tools	**M3-M8, one of each listed size**

Discuss your application

Share fastener type and size, workpiece material and thickness, required throughput, available power, and delivery location.

Confirm the supplied scope

Request confirmation of tooling, guarding, documentation, commissioning, warranty, and service arrangements.

SUPPLIER PERFORMANCE CLAIMS

The source claims over 70% energy savings versus hydraulic equipment, up to 90% versus pneumatic equipment, and typical noise below 70 dB. These figures are unverified and application dependent.

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