02 Super-large programmable electronic sewing machine

MRD-20060EN

Various patterns can be easily programmed, so that anyone can perform quality and efficient sewing.

Use

Air bag

Furniture

Car interior

Aircraft

Car seat

Mechanical properties

1. **Semi-dry head :** protects products from oil stains.
2. **Program-controlled intermediate foot :** prevents stitch skipping and thread breakage.
3. **Active tension :** provides good reproducibility in the tension of the needle thread under a wide range of sewing conditions and helps reduce the time needed for changing setups.
4. **Automatic loading of cassette :** comprises a sensor to activate loading operation.
5. **Operation panel with IP-420 input function :** sewing data such as sewing shape, tension of the needle thread, enlargement/reduction ratio, sewing speed, and number of stitches can be viewed easily.

Specifications

Sewing area (X×Y)	2,000 × 600/mm		**Data importing method**	Built-in EEPROM : max. 200 patterns (Max. 20,000 per pattern) External medium (CF card) : max. 999 patterns (Max. 50,000 per pattern)
Stitch type	1-needle lockstitch			
Maximum sewing speed	2,000 rpm(intermittent feed, stitch length of 3 mm or less)		**Sewing machine motor**	AC servo motor (direct drive)
Stitch pitch	0.05 to 12.7 mm (in steps of 0.05 mm)		**Power/consumption**	Three-phase 200 V/550 VA
Maximum number of stitches	20,000 per pattern		**Air pressure**	0.5 to 0.55 Mpa (max. 0.55 Mpa)
Thread cutter	Pulse-motor-driven high-speed cutter		**Machine size (L×W×H)**	4,300 × 2,130 × 1,320/mm (thread stand not included)