

MRD-4540EN

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



## Use



Air bag



Furniture



Car interior



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

<b>Sewing area (X×Y)</b>	450 × 400/mm	<b>Data importing method</b>	Built-in EEPROM : max. 200 patterns (Max. 20,000 per pattern) External medium (CF card) : max. 999 patterns (Max. 50,000 per pattern)
<b>Stitch type</b>	1-needle lockstitch	<b>Sewing machine motor</b>	AC servo motor (direct drive)
<b>Maximum sewing speed</b>	2,000 rpm (intermittent feed, stitch length of 3 mm or less)	<b>Power/consumption</b>	Three-phase 200 V/550 VA
<b>Stitch pitch</b>	0.1 to 12.7 mm (in steps of 0.05 mm)	<b>Air pressure</b>	0.5 to 0.55 Mpa (max. 0.55 Mpa)
<b>Maximum number of stitches</b>	20,000 per pattern	<b>Machine size (L×W×H)</b>	1,400 × 1,490 × 1,280/mm (thread stand not included)
<b>Thread cutter</b>	Pulse-motor-driven high-speed cutter		