

DEMATRON



The Dematron DM-6080 offers an expanded sew area of 600 mm * 800 mm (23.6" * 31.5") and is designed for highly intricate sewing sequences and decorative pattern quilting with high standard sewing requirements.



About the Product

Dematron delivers another exceptional product to meet market demand for large area computerized sewing equipment. The DM-6080 offers an expanded sew area of 600 mm * 800 mm (23.6" * 31.5") and is designed for sophisticated sewing sequences and decorative pattern quilting with high stitch requirements. It is equipped with onboard programming, linear rail system, Japanese components and heavy duty table and stand all powered by Dematron intelligent technology. An essential part of any production line to increase efficiency and overall product quality while reducing labor costs and need for highly skilled sewers.

- Increased Productivity
- Reduced Labor Costs
- Improved Stitch Quality and Consistency
- Efficient Power Consumption

Additionally, Dematron backs their products with a 2 year warranty and offers in-house installation and training.

Features

Designed with the latest technology and highest quality components, the Dematron DM-6080 is equipped with:

- Intelligent Closed-loop Sewing System
- Linear Rail System
- RFID Advanced Chip Identification Technology
- Auxiliary Presser Foot and Cassette Style Clamping
- Large Stroke Needle Rod Mechanism
- 22 mm Needle Height
- Sewing Accuracy of 0.1 mm
- Oil-free Alarm Function

Intelligent-Closed Loop Sewing System

Intelligent closed-loop sewing system monitors sewing operation in real time and controls sewing operation via feedback interaction.

Linear Rail System

Equipped with linear rail system, servo encoders, auxiliary presser foot and cassette style clamping.

RFID Advanced Chip Technology

RFID advanced chip technology offers a more rapid and accurate response.

Large Stroke Needle Rod Mechanism

Large stroke needle rod mechanism and 22 mm needle height accommodates different fabric thicknesses and versatility of sewing applications.

Oil-Free Alarm

Oil-free alarm function will automatically shut down to protect equipment in the event the shuttle hook loses oil.

Sewing Accuracy

Sewing accuracy of 0.1 mm to meet top standards.



Sewing Control System	Sewing Area	Max Sewing Speed	Hook	Tooling Style
Servo/Stepper Motor Closed-closed loop intelligent technology	800 mm * 600 mm	3,500 RPM	Rotary	Cassette Style Clamping

Needle Height	Presser Foot	Display	Needle System	Voltage
22 mm	Closed Loop electric presser foot	Cantilever type 7" true color touchscreen	DPx17	110V or 220V 1 P

Equipment Requirements



DEMATRON DM-6080

Dematron offers custom tooling for your specific sewing requirements and the option for installation and training.

DEMATRON DM-6080 ARRIVES FULLY-ASSEMBLED AND SEW READY AS SEEN IN PHOTO.

FOOTPRINT

Length

1600 mm (63")

Width

1500 mm (63"0

Height

1260 mm (50")

AIR & ELECTRICAL

Air Pressure

0.5 Mpa, 1.8L/min

Power Supply

110V or 220V 1 Phase

SHIPPING DETAILS

Pack Method

Wooden Crate

Class

150

NMFC

129750.02

Net/Gross Wt.

330 kg/500kg
(728 lb/1103 lb}