

## SIRUBA DL720 M1

# SIRUBA DL720-M1 High-Speed Single Needle Lockstitch Direct Drive Industrial Sewing Machine User Manual

Model: DL720-M1

## 1. INTRODUCTION

---

This manual provides comprehensive instructions for the assembly, operation, and maintenance of the SIRUBA DL720-M1 High-Speed Single Needle Lockstitch Direct Drive Industrial Sewing Machine. Please read this manual thoroughly before operating the machine to ensure safe and efficient use.

The SIRUBA DL720-M1 is designed for high-speed, single-needle lockstitch sewing, featuring a direct drive motor for efficient and precise stitching. It is suitable for various industrial sewing applications.

## 2. SAFETY INSTRUCTIONS

---

**WARNING: Always disconnect power before performing maintenance or adjustments.**

- Ensure the machine is properly grounded.
- Keep hands and fingers away from the needle and moving parts during operation.
- Wear appropriate eye protection.
- Do not operate the machine if any parts are damaged or missing.
- Keep the work area clean and well-lit.
- Only qualified personnel should perform repairs.

## 3. PRODUCT COMPONENTS AND OVERVIEW

---

The SIRUBA DL720-M1 sewing machine comes with several key components, including the machine head, table, and stand. Familiarize yourself with these parts before assembly and operation.



**Figure 3.1:** Complete assembly of the SIRUBA DL720-M1 industrial sewing machine, showing the machine head mounted on the table with the thread stand and foot pedal.



Figure 3.2: Detailed view of the SIRUBA DL720-M1 machine head, highlighting the control panel with digital display and adjustment buttons.

**SIRUBA**

## MÁQUINA RECTA ELECTRÓNICA

MÁQUINA RECTA ELECTRÓNICA DE 1 AGUJA MODELO DL720-M1

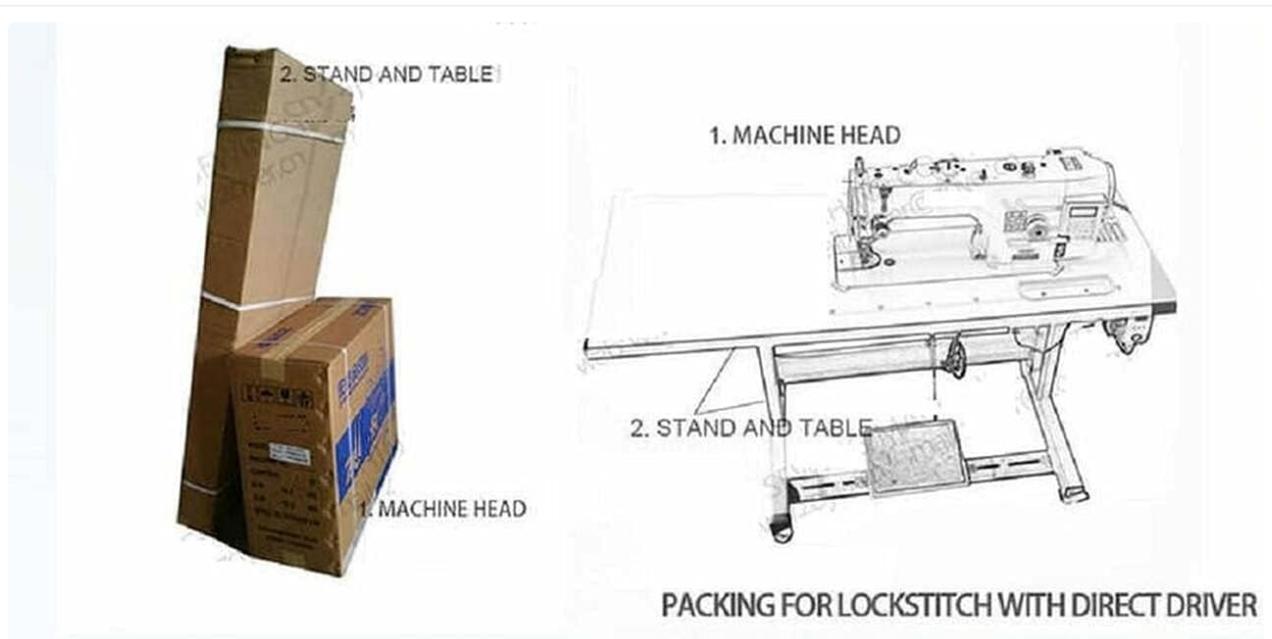
MOTOR INTEGRADO AL CABEZAL, POSICIONADOR DE AGUJA AUTOMÁTICO, MATERIALES MEDIANOS, VELOCIDAD MÁXIMA: 4,000 R.P.M.

INCLUYE MESA DE TRABAJO  
(el color de la mesa puede variar)



Largo de Puntada (mm)	0-4
Elevación del pie prensatelas (mm)	Mano: 5.5 / Rodilla: 13
Tipo de Aguja	DBX1 #11-#14
Material	Mediano
Velocidad máxima r.p.m.	4,000

Figure 3.3: Diagram illustrating key features of the SIRUBA DL720-M1, including built-in LED light and speed adjustment capabilities.



**Figure 3.4:** Technical specifications and features of the SIRUBA DL720-M1, including stitch length, presser foot lift, needle type, and maximum speed (4,000 RPM).

## 4. SETUP AND ASSEMBLY

The SIRUBA DL720-M1 requires assembly of the machine head, table, and stand. Follow these steps carefully.

### 4.1 Unpacking

Carefully unpack all components. Verify that all parts listed in the packing list are present.



**Figure 4.1:** Packaging of the sewing machine, indicating separate boxes for the machine head and the stand/table components.

### 4.2 Assembling the Stand

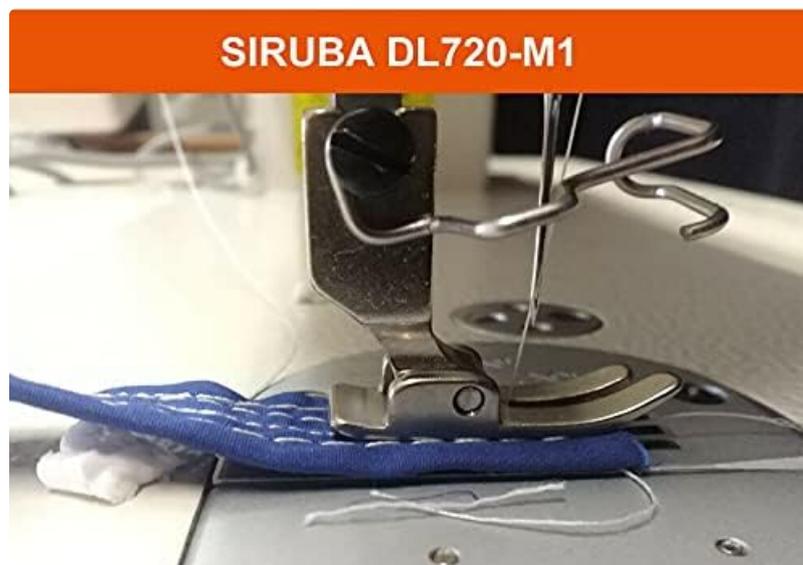
Assemble the "L" shaped legs of the stand according to the diagram. Ensure all bolts are securely tightened.



**Figure 4.2:** Diagram showing the assembly of the "L" shaped legs for the machine stand, with dimensions indicating adjustable height (24.5 to 34 inches) and width (33 inches).

### 4.3 Attaching the Table Top

Place the table top onto the assembled stand. Secure it using the provided screws. Ensure the table is level.



**Figure 4.3:** The sewing machine table top, showing the cutout for the machine head and the integrated foot pedal linkage.

### 4.4 Installing the Machine Head

Carefully place the machine head into the designated opening in the table top. Connect the motor and control panel cables as instructed in the separate wiring diagram (not included in this manual, refer to manufacturer's specific

wiring guide).

## 5. OPERATING INSTRUCTIONS

---

### 5.1 Powering On and Basic Controls

Connect the machine to a suitable power outlet. Use the main power switch to turn the machine on. The digital display on the machine head will illuminate.

The control panel allows for speed adjustment and other settings. Refer to the specific functions of each button:

- **P Button:** Program/Parameter settings.
- **S Button:** Stitch selection/Start.
- **Up/Down Arrows:** Adjust values (e.g., speed, stitch length).



**Figure 5.1:** Close-up view of the machine's control panel, showing the digital display and control buttons for speed and settings.

### 5.2 Threading the Machine

Follow the threading path indicated on the machine. Ensure the thread is correctly seated in all tension discs and guides before passing it through the needle eye.

### 5.3 Adjusting Stitch Length and Speed

Use the adjustment dial on the side of the machine head to set the desired stitch length. Speed can be adjusted via the control panel using the up/down arrow buttons.

Your browser does not support the video tag.

**Video 5.1:** Demonstration of the SIRUBA DL720-M1 in operation, showing the needle stitching fabric and the built-in LED light illuminating the work area. This video highlights the machine's smooth operation and the visibility provided by the integrated lighting.

**SIRUBA**

## MÁQUINA RECTA ELECTRÓNICA

MÁQUINA RECTA ELECTRÓNICA DE 1 AGUJA MODELO DL720-M1

MOTOR INTEGRADO AL CABEZAL, POSICIONADOR DE AGUJA AUTOMÁTICO, MATERIALES MEDIANOS, VELOCIDAD MÁXIMA: 4,000 R.P.M.

INCLUYE MESA DE TRABAJO  
(el color de la mesa puede variar)



Largo de Puntada (mm)	0-4
Elevación del pie prensatelas (mm)	Mano: 5.5 / Rodilla: 13
Tipo de Aguja	DBX1 #11-#14
Material	Mediano
Velocidad máxima r.p.m.	4,000



Figure 5.2: Diagram illustrating key features of the SIRUBA DL720-M1, including built-in LED light and speed adjustment capabilities.

### 5.4 Using the Presser Foot

The presser foot holds the fabric firmly in place during sewing. The machine features a standard presser foot suitable for various materials.

**SIRUBA**

**SIRUBA DL 720- M1**

**DL720 SERIES**

**SIRUBA DL720**  
DIRET DRIVE NEEDLE  
POSITIONING LOCKSTITCH  
MACHINE

**-BUILT IN  
LED LIGHT**

**DL-720 - M1**

**-ADJUST SPEED**

Figure 5.3: Close-up view of the presser foot and needle mechanism during sewing, showing the needle penetrating fabric. This image highlights the precision of the stitching process.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SIRUBA DL720-M1 sewing machine.

### 6.1 Cleaning

- Clean lint and dust from the bobbin case and feed dog area daily.
- Wipe down the machine exterior with a soft, dry cloth.

## 6.2 Lubrication

Apply sewing machine oil to designated lubrication points as indicated in the machine's specific lubrication guide (refer to manufacturer's specific guide). Frequency depends on usage, typically daily for heavy use.

## 6.3 Needle Replacement

Replace the needle regularly, especially if it becomes bent, dull, or if stitches are skipping. Use DBX1 #11-#14 needles as specified.

## 7. TROUBLESHOOTING

---

This section provides solutions to common issues you may encounter.

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading, incorrect tension.	Replace needle, re-thread machine, adjust tension.
Thread Breakage	High tension, poor quality thread, burrs on thread path, incorrect needle.	Reduce tension, use quality thread, check thread path for rough spots, replace needle.
Machine Not Starting	No power, main switch off, safety mechanism engaged.	Check power connection, turn on main switch, ensure presser foot is down.

## 8. SPECIFICATIONS

---

Feature	Detail
Model	DL720-M1
Type	High-Speed Single Needle Lockstitch Direct Drive Industrial Sewing Machine
Max. Stitch Length	0-4 mm
Presser Foot Lift (Hand/Knee)	5.5 mm / 13 mm
Needle Type	DBX1 #11-#14
Max. Speed	4,000 R.P.M.
Item Weight	70 pounds (machine head only, table/stand weight not included)
Power Source	Direct Drive Motor (Electric)

## 9. WARRANTY AND SUPPORT

---

For warranty information and technical support, please contact your authorized SIRUBA dealer or visit the official SIRUBA website. Keep your purchase receipt as proof of purchase.

Customer Support information is typically provided by the seller. For specific inquiries, refer to the contact details provided at the point of purchase.

This manual is subject to change without notice.