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› The Grace Company Q'nique 16X Elite Longarm Quilting Machine and Cutie Tabletop Quilting Frame User Manual

## The Grace Company Q'nique 16X Elite

# The Grace Company Q'nique 16X Elite Longarm Quilting Machine and Cutie Tabletop Quilting Frame User Manual

Model: Q'nique 16X Elite

Brand: The Grace Company

## 1. INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your Q'nique 16X Elite Longarm Quilting Machine paired with the Cutie Tabletop Quilting Frame. The Q'nique 16X Elite enhances quilting capabilities with features like edge warning and a bobbin estimator, offering precise control. The Cutie Tabletop Fabric Quilting Frame provides a portable and lightweight solution for managing fabric, allowing for quilting, sewing, and stitching projects of various sizes.

## 2. SETUP

### 2.1 Unpacking and Assembly

Carefully unpack all components. The Q'nique 16X Elite machine and the Cutie Tabletop Quilting Frame each come with their own assembly instructions. Follow these guides meticulously. Assembly typically takes approximately 4-4.5 hours for one person, though assistance may be beneficial for certain steps.

#### Included Components:

- Q'nique 16X Elite Machine
- Cutie Tabletop Quilting Frame with carriage
- Top and bottom encoders
- Channel Locks
- Starter thread and pre-wound bobbins (Finesse brand)
- Fabri-Fast system for fabric loading
- Front bar fabric clips (4 total)
- Grace bungee clamps (4)
- All necessary tools for installation

**Items Not Included (May require separate purchase):**

- Leader cloth set
- Castor wheels for the frame
- Table inserts for pantographs
- Laser or stylus for pantographs
- Rulers or ruler base



*Figure 2.1: Q'nique 16X Elite Longarm Quilting Machine mounted on the Cutie Tabletop Frame, ready for use.*



*Figure 2.2: The Q'nique 16X Elite Longarm Quilting Machine, showcasing its compact design.*

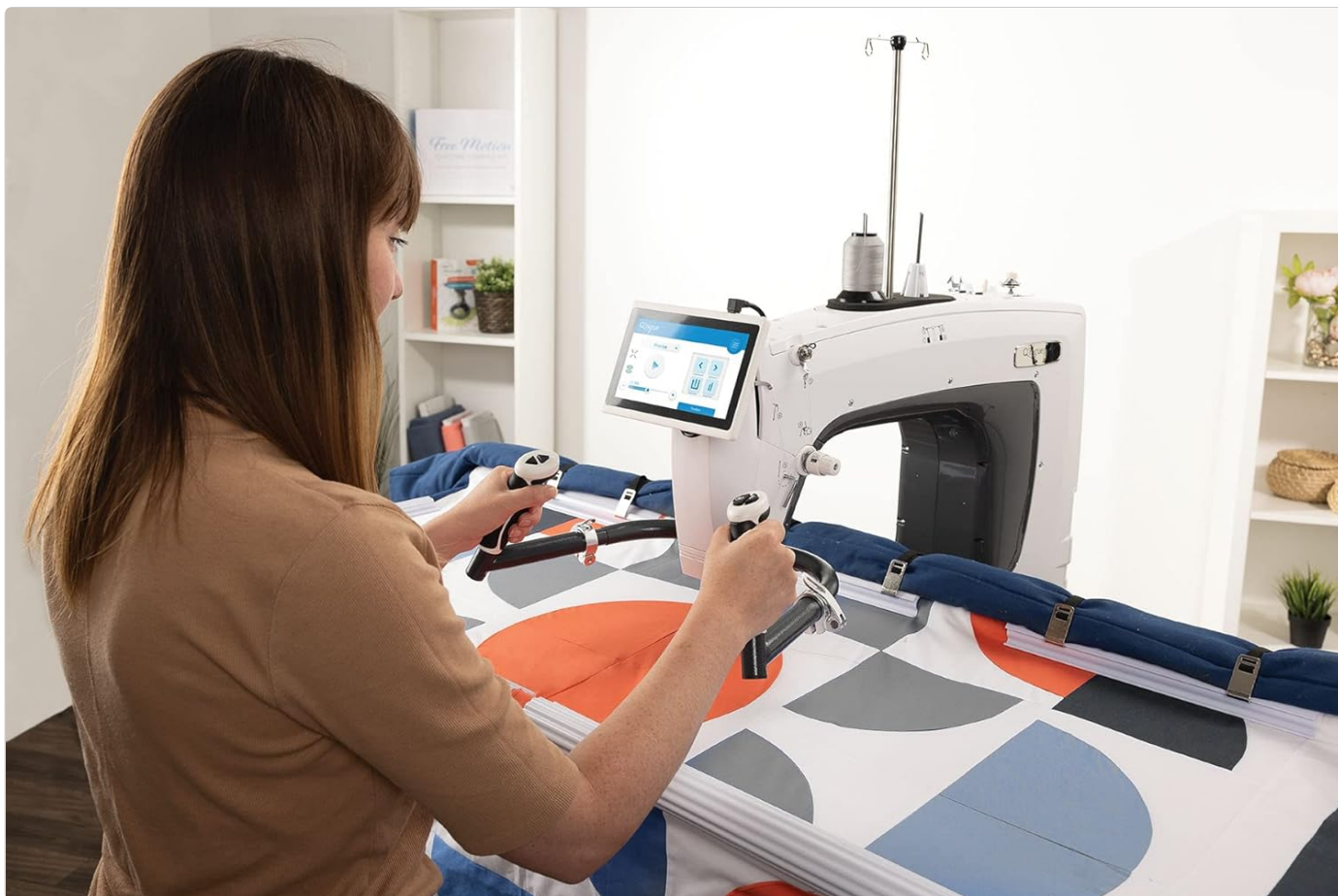


Figure 2.3: The Cutie Tabletop Quilting Frame, designed for portability and ease of use.

### 3. OPERATING INSTRUCTIONS

#### 3.1 Machine Controls and Features

- **Ergonomic Handles:** The machine features comfortable handles designed to minimize strain on hands, arms, and shoulders during extended quilting sessions. Each handle includes two control buttons for simplified operation.
- **7" Touchscreen:** Navigate machine settings, adjust parameters, and access built-in help guides easily via the intuitive 7-inch touchscreen display.
- **16" Throat Space:** The Q'nique 16X Elite offers a generous 16-inch throat space, accommodating large quilting patterns. It operates at speeds up to 2100 stitches per minute.
- **Brilliant Bright Throat Light:** Integrated lighting illuminates the throat area and bobbin, ensuring clear visibility of stitches and thread levels.
- **Bobbin Estimator:** A built-in bobbin estimator provides an approximate indication of remaining bobbin thread, helping to prevent unexpected run-outs.
- **Built-in Stitch Regulation:** The machine includes integrated stitch regulation to maintain consistent stitch length, crucial for professional-looking quilting.



Figure 3.1: A user demonstrating the ergonomic handles and control buttons of the Q'nique 16X Elite.

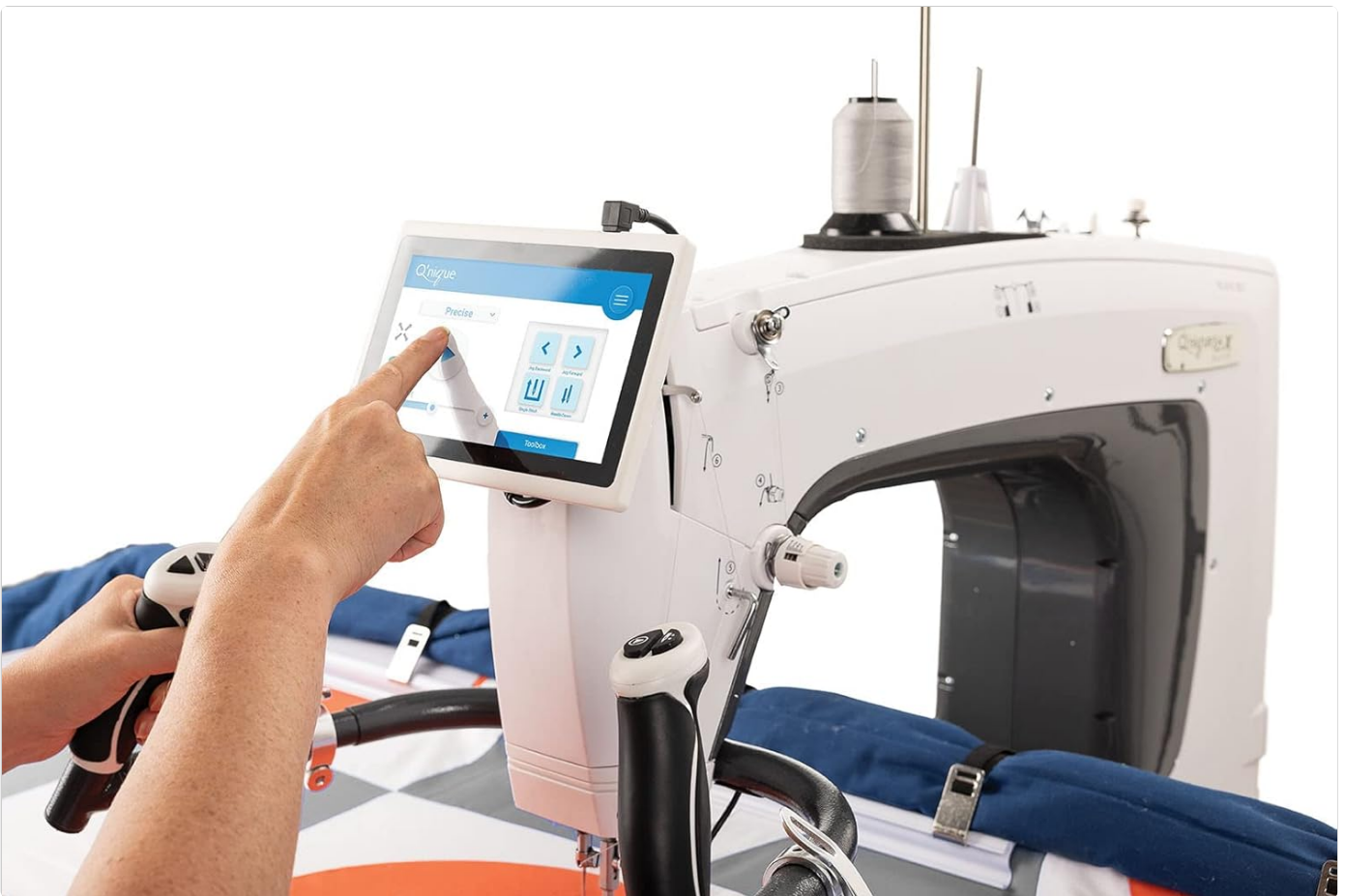


Figure 3.2: Detailed view of the Q'nique 16X Elite's handles and the 7-inch touchscreen interface.



Figure 3.3: The Q'nique 16X Elite's touchscreen display, showing various settings and options.

### 3.2 Quilting with the Cutie Tabletop Frame

The Cutie Tabletop Fabric Quilting Frame simplifies fabric management, allowing users to focus on the creative aspects of quilting. Its lightweight and portable design enables use on any table or desk, and it can be easily stored. The frame supports projects of any size, from crib to king, utilizing a zone-to-zone quilting method.



Figure 3.4: The Q'nique 16X Elite and Cutie Frame set up for a quilting project.



Figure 3.5: Diagram illustrating the dimensions of the Cutie Tabletop Quilting Frame.

## 4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Q'nique 16X Elite and Cutie Tabletop Quilting Frame. Always refer to the detailed maintenance schedule provided in the full product manual for specific instructions on cleaning, lubrication, and part inspection.

- **Cleaning:** Regularly clean the machine's needle plate, bobbin area, and feed dogs to remove lint and thread buildup. Use a soft brush or vacuum.
- **Lubrication:** Apply machine oil to designated points as recommended in the full manual to ensure smooth operation of moving parts.
- **Needle Replacement:** Replace needles frequently, especially when working with different fabric types or if you notice skipped stitches or fabric damage.
- **Tension Adjustment:** Periodically check and adjust thread tension for both the upper and bobbin threads to achieve balanced stitches.
- **Frame Inspection:** Inspect the quilting frame for any loose connections or wear on moving parts. Tighten fasteners as needed.

## 5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For more complex problems, consult the comprehensive troubleshooting guide in the full product manual or contact customer support.

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle, bent needle, improper threading.	Replace needle with correct type/size, re-thread machine correctly.
Thread Breakage	Incorrect tension, poor quality thread, burr on needle plate.	Adjust tension, use high-quality thread, inspect and smooth needle plate.
Uneven Stitch Length	Stitch regulator not engaged or malfunctioning, inconsistent movement.	Ensure stitch regulator is active, practice consistent movement, check for obstructions.

Problem	Possible Cause	Solution
Machine Not Powering On	Power cord not connected, power switch off, circuit breaker tripped.	Check power connections, ensure switch is on, reset circuit breaker if necessary.

## 6. SPECIFICATIONS

Feature	Detail
Product Dimensions (Machine)	36 x 25 x 13 inches (91.44 x 63.5 x 33.02 cm)
Item Weight (Machine)	109 pounds (49.44 kg)
Manufacturer	Grace Company
Item Model Number	B0BT8FBJ93
Brand	The Grace Company
Color	White
Material	Metal
Power Source	AC
Is Electric	Yes
Throat Space	16 inches
Stitches Per Minute	Up to 2100

## 7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your product. Protection plans are available for purchase separately to extend coverage beyond the standard warranty period.

- **Protection Plans:**

- 3-Year Protection Plan: \$189.99
- 4-Year Protection Plan: \$249.99

- **Customer Support:** For assistance with your Q'nique 16X Elite or Cutie Tabletop Quilting Frame, please contact The Grace Company customer support.

