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Konsew JACK A6

JACK A6F Industrial Sewing Machine User Manual

Model: JACK A6

1. PRODUCT OVERVIEW

The JACK A6F Industrial Sewing Machine is a computer-controlled knot point machine designed for efficient and precise sewing operations. It features an integrated motor, closed oil pool system, and advanced functionalities for enhanced productivity.

JACK



Figure 1.1: The JACK A6F Industrial Sewing Machine, fully assembled with its stand and thread holder. This image provides a comprehensive view of the machine's design and components.

Key Features:

- **Punta Ago Transport:** Advanced needle tip transport system for precise material handling.
- **Short Cut:** Capable of short thread cuts, down to 3mm, for clean finishes.
- **Oil Barrel Attached:** Features a closed oil pool system for improved lubrication and reduced maintenance.
- **Large Forearm Space:** Provides an increased working base for handling larger fabric pieces.
- **Computer Controlled with Voice Guide:** Offers intelligent operation with user-friendly voice prompts.
- **Integrated Puller (Optional):** Enhances fabric feeding for consistent stitch quality.
- **Industry 4.0 (Optional):** Connectivity features for smart factory integration and production monitoring.

2. SETUP AND INSTALLATION

Proper setup is crucial for the optimal performance and longevity of your JACK A6F sewing machine. Ensure the machine is placed on a stable, level surface capable of supporting its weight.

2.1 Unpacking and Placement

- Carefully remove all packaging materials. Retain packaging for future transport or storage.
- Place the machine head onto the designated table stand. Secure it using the provided fasteners.
- Assemble the thread stand and attach it to the machine table.
- Connect the foot pedal to the machine's designated port.



Figure 2.1: This image highlights the generous 300mm working space of the machine, which is beneficial for handling larger sewing projects. Consider this space requirement during placement.

2.2 Power Connection

- Ensure the power switch is in the OFF position before connecting to a power source.
- Connect the power cord to a grounded electrical outlet. The machine operates on standard electrical power (Corded Electric).

3. OPERATING INSTRUCTIONS

This section provides guidance on operating your JACK A6F Industrial Sewing Machine, covering basic functions and advanced features.

3.1 Control Panel Overview

The machine is equipped with a user-friendly control panel for adjusting settings and monitoring operations.



Figure 3.1: The control panel of the JACK A6F, showing the digital display, function icons, and adjustment buttons. This panel allows for precise control over stitching parameters.

- **Digital Display:** Shows current stitch length, speed, and other operational parameters.
- **Function Buttons:** Used to select stitch patterns, activate automatic functions (e.g., thread trimming, backtack), and adjust settings.
- **Voice Guide:** Provides audible prompts and feedback for various operations and settings.

3.2 Threading and Bobbin Winding

Follow the machine's internal threading guides for proper upper thread installation. The integrated bobbin winder ensures easy and consistent bobbin preparation.

3.3 Stitching Operations

- **Starting to Sew:** Press the foot pedal to begin sewing. The machine's computer control ensures smooth startup.
- **Punta Ago Transport:** This feature ensures the needle moves precisely with the feed dog, preventing skipped stitches and ensuring consistent fabric feeding.

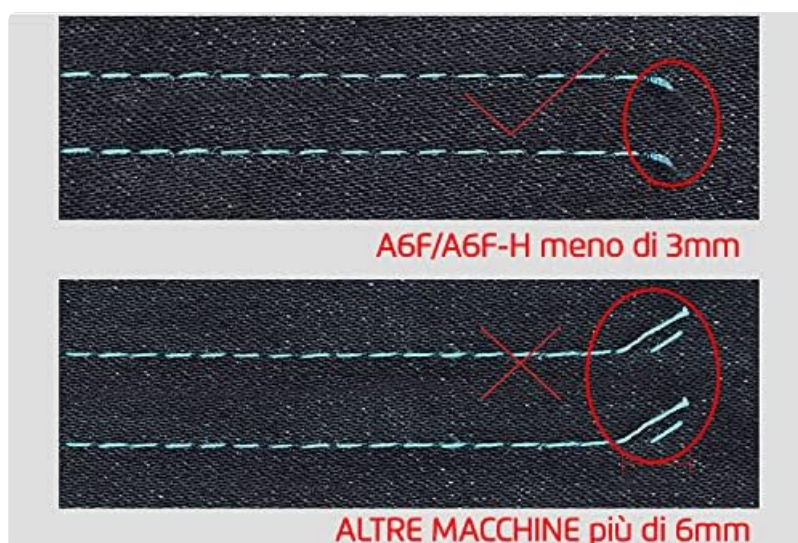


Figure 3.2: This diagram illustrates the "Punta Ago Transport" mechanism, showing the synchronized movement of the needle (Salita/Discesa - Up/Down) and the fabric transport (Trasporto - Transport) for precise stitching.

- **Short Cut Function:** The machine is capable of cutting threads very short (less than 3mm) at the end of a seam, reducing manual trimming.



Figure 3.3: A comparison demonstrating the superior short thread cutting capability of the A6F/A6F-H (top, less than 3mm) compared to other machines (bottom, more than 6mm), resulting in cleaner finishes.

- **Automatic Functions:** Utilize the control panel to activate automatic backtack, thread trimming, and needle positioning.

3.4 Industry 4.0 Connectivity (Optional)

For models equipped with Industry 4.0 features, the machine can connect to a central system via the Jack Cloud for real-time production monitoring and equipment control.

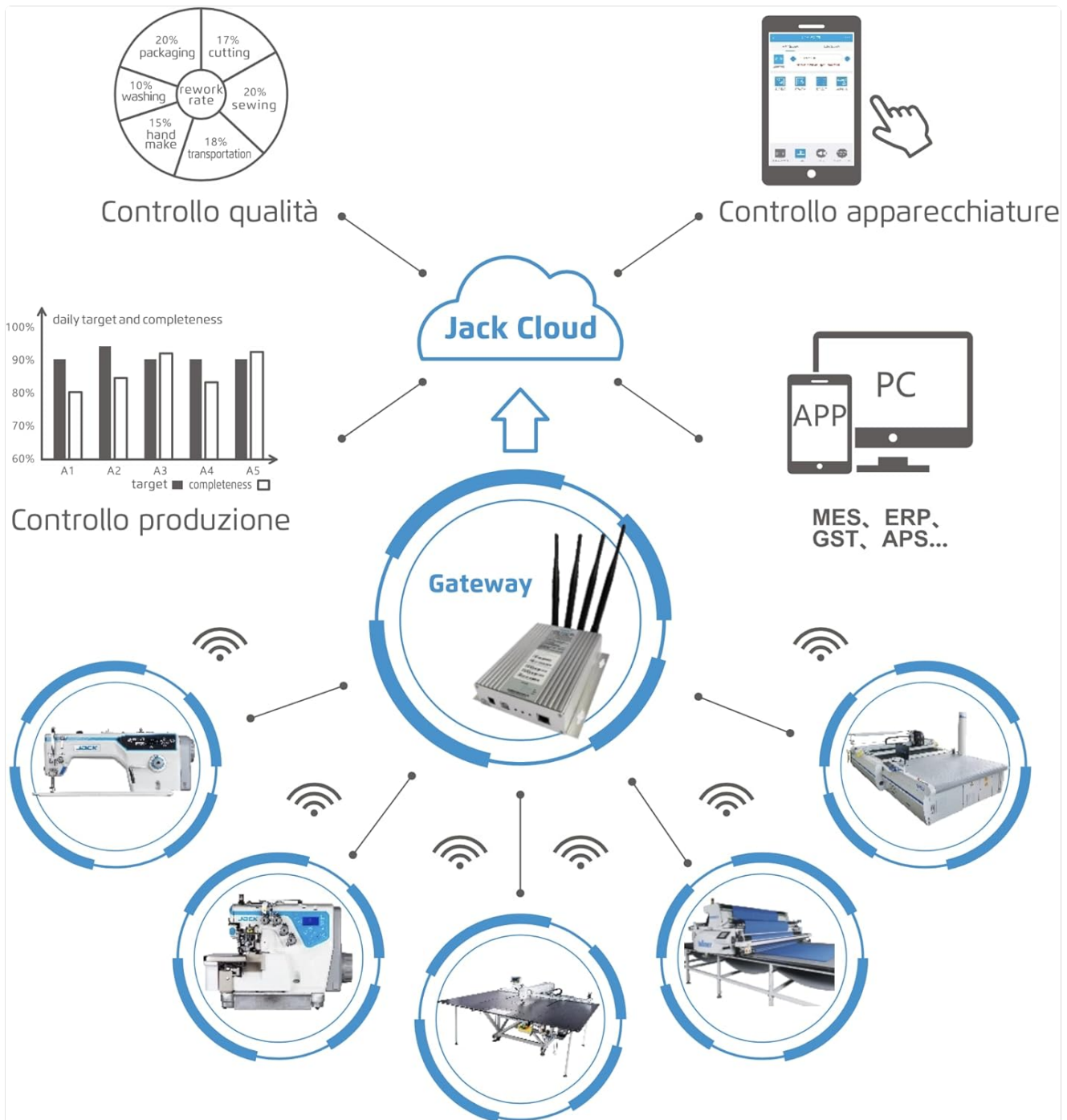


Figure 3.4: This diagram illustrates the "Jack Cloud" system, showing how various machines, including the A6F, can connect via a gateway for centralized quality control, equipment monitoring, and production control, integrating with MES, ERP, and other systems.

4. MAINTENANCE

Regular maintenance ensures the longevity and consistent performance of your JACK A6F sewing machine.

4.1 Lubrication

The machine features a closed oil pool system (Oil Barrel Attached) for automatic lubrication. Periodically check the oil level and replenish as needed using recommended sewing machine oil.



Figure 4.1: A detailed view of the machine's internal components, highlighting the oil basin ("bacinella olio attaccata") which is part of the automatic lubrication system. Regular checks of this system are recommended.

4.2 Cleaning

- Regularly clean lint and dust from the bobbin case, feed dogs, and needle plate using a small brush.
- Wipe down the exterior of the machine with a soft, dry cloth.

4.3 Needle and Thread Replacement

- Replace needles frequently, especially when sewing different fabric types or if the needle shows signs of wear.
- Use high-quality industrial sewing threads appropriate for your fabric.

5. TROUBLESHOOTING

This section addresses common issues you might encounter and provides basic solutions. For more complex problems, please contact customer support.

Problem	Possible Cause	Solution
Skipped Stitches	Incorrect needle size/type, bent needle, improper threading, low thread tension.	Replace needle, re-thread machine, adjust tension.
Thread Breakage	Incorrect threading, high thread tension, damaged needle, poor quality thread.	Check threading path, reduce tension, replace needle, use quality thread.
Uneven Stitches	Incorrect tension, worn feed dogs, inconsistent fabric feeding.	Adjust tension, clean feed dogs, ensure smooth fabric feeding.
Machine Not Starting	Power cord not connected, power switch off, safety features engaged.	Check power connection, turn on switch, consult manual for safety lockouts.

6. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	Konsew
Model Number	JACK A6
ASIN	B09KYGBT82
UPC	722777734024
Product Dimensions	55 x 120 x 110 cm (D x W x H)
Material	Metal
Colour	White Blue
Power Source	Corded Electric
First Available	3 Nov. 2021

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The JACK A6F Industrial Sewing Machine comes with a **1-year EU Spare Part Availability Duration**. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, spare parts, or any inquiries not covered in this manual, please contact the seller or authorized service center. Refer to your purchase documentation for specific contact details.

Seller: [GDG vendita e assistenza macchine per cucire](#)