

Schacht SCH-1808

Schacht Wolf Pup LT Loom - 18 Inch 4 Harness User Manual

1. INTRODUCTION

Product Overview

The Schacht Wolf Pup LT Loom is a portable and versatile 4-shaft floor loom designed for weavers seeking an efficient and compact weaving solution. With an 18-inch weaving width, it is ideal for a variety of projects, workshops, and spaces where a full-sized loom may not be practical.

This loom incorporates the robust X-frame and bolt-and-barrel-nut construction found in larger Wolf looms, ensuring stability and durability. It features a steel hub friction brake, a brake release foot pedal, an attached beater pin, and aluminum harness channels. The design includes jacks and lamms that allow any harness to be tied to any of its six treadles, offering flexible tie-up capabilities for diverse weave structures.

The Wolf Pup LT comes equipped with essential components to begin your weaving journey, including a stainless steel reed, stainless steel heddle bars, and 300 flat steel heddles. Additionally, it includes the Treadle Tracker, a convenient accessory for managing your threading and treadling diagrams.



Figure 1: The Schacht Wolf Pup LT Loom, showcasing its compact wooden frame and weaving mechanism.

2. SETUP AND ASSEMBLY

Unpacking

Carefully unpack all components from the shipping carton. Verify that all parts listed in the packing slip are present and undamaged. Keep the packaging materials until assembly is complete in case of return or transport.

Assembly Instructions

Assembly of the Wolf Pup LT Loom typically involves connecting the main frame components, installing the beater, harnesses, and treadles. While specific step-by-step instructions are provided in the manufacturer's included manual, general steps include:

1. Assemble the X-frame structure using the provided bolts and barrel nuts, ensuring all connections are secure.
2. Attach the beater assembly, ensuring it moves freely and is properly aligned.
3. Install the stainless steel heddle bars and thread the 300 flat steel heddles onto them.
4. Mount the harnesses into the aluminum harness channels.
5. Connect the six treadles to the jacks and lamms, following the tie-up diagram for your desired weaving pattern.
6. Attach the stainless steel reed to the beater.
7. Familiarize yourself with the steel hub friction brake and its release foot pedal.

Refer to the detailed assembly diagrams and instructions provided by Schacht Spindle Company for precise guidance.

3. OPERATING INSTRUCTIONS

Warping the Loom

Proper warping is crucial for successful weaving. This involves preparing the warp threads and winding them onto the warp beam. Ensure even tension across all threads. Consult weaving resources or the manufacturer's guide for detailed warping methods suitable for a 4-harness loom.

Weaving Process

Once warped, the weaving process involves creating a shed by depressing the appropriate treadles, passing the shuttle with weft thread through the shed, and beating the weft into place with the beater. Repeat these steps according to your chosen weave pattern.

Using Treadles and Harnesses

The Wolf Pup LT features 6 treadles and 4 harnesses. The flexible jack and lamm system allows you to tie any combination of harnesses to any treadle. This versatility enables a wide range of weave structures. Use the included Treadle Tracker to keep your threading and treadling diagrams organized and easily accessible during weaving.

4. MAINTENANCE AND CARE

Cleaning

Regularly dust the loom with a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive cleaners that could damage the wood finish or metal components.

Lubrication

Periodically check moving parts, such as the friction brake mechanism and treadle pivots, for smooth operation. Apply a small amount of appropriate lubricant (e.g., paraffin wax or a dry lubricant) if any squeaking or stiffness is observed. Avoid over-lubrication.

Storage

When not in use for extended periods, store the loom in a dry, stable environment away from direct sunlight, extreme temperatures, and high humidity. These conditions can cause wood to warp or crack. Covering the loom with a breathable cloth can protect it from dust.

5. TROUBLESHOOTING

Common Issues and Solutions

- **Uneven Tension:** Ensure warp threads are wound evenly on the warp beam. Check for tangles or snags in the warp.
- **Shedding Problems:** Verify that harnesses are tied correctly to treadles and that the lamm cords are not tangled or too loose/tight. Check for bent heddles or obstructions.

- **Beater Not Moving Smoothly:** Inspect the beater pivots for any debris or damage. Ensure the beater pin is properly seated.
- **Brake Slipping:** Check the tension on the steel hub friction brake. Ensure the brake release foot pedal is not partially engaged.

For persistent issues, consult the detailed troubleshooting section in your loom's official manual or contact Schacht customer support.

6. SPECIFICATIONS

Feature	Detail
Model Number	SCH-1808
Weaving Width	18 inches
Number of Harnesses	4
Number of Treadles	6
Included Heddles	300 flat steel heddles
Included Reed	Stainless steel reed
Construction	X-frame, bolt-and-barrel-nut
Brake System	Steel hub friction brake with foot pedal release
Item Weight	52 pounds
Manufacturer	Schacht Spindle Company

7. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the documentation provided by Schacht Spindle Company at the time of purchase. Warranty terms and conditions typically cover manufacturing defects and vary by region.

For technical support, replacement parts, or further assistance, please contact Schacht Spindle Company directly through their official website or customer service channels. Provide your product model number (SCH-1808) and purchase details when seeking support.

