



SAILRITE®

ULTRAPEED® WITH
WORKER® POWER PACK

ASSEMBLY INSTRUCTIONS



Ultrafeed® Packaging

NOTE: Do not ship machine in its case. Always use original box and foam shell packaging.

Save original Ultrafeed Sewing Machine head packaging. Carriers will not pay insurance claims on improperly packaged machines.



Unpack Industrial Carrying Case

1. Use the case handle to pull the case from the box.
2. Remove the case top by unlatching the butterfly latches (A) on both ends.



Place Machine Head in Industrial Carrying Case

3. Remove the sewing machine, tools, thread stand (outside of foam shell), balance wheel and belts from the packaging.
4. Check to make sure the hinge holes (B) on the back of the machine are unobstructed by the set screws (C). If necessary, back the screws out to clear the hole.
5. Lift up the sewing machine head and carefully guide the hinge posts into the hinge holes on the back side of the machine head (D).
6. Carefully tip the machine head back and use a stubby screwdriver with medium head (not included) to tighten the set screws (C) on the underside of the machine head.



Install Control Box, Belt, Balance Wheel & Belt Cover

7. Remove the small plastic ground plug found on the control box (E).
8. Remove the two screws (F) in the bracket, then use them to install the control box. The on/off switch should face outward from the back of the control box.





9. Place the 13-inch belt (G) under the small pulley of the speed reducer and then over the balance wheel bushing.
10. Remove the two screws (H + I). Position the belt cover (J) over the speed reducer and belt. Install the top screw back (H) in place to secure the belt cover and rotate the cover back for access to the pulley/belt.

NOTE: The O-ring gasket on the top screw needs to be placed over the shoulder bolt screw (H). For belt covers with a top slot (K), position the screw at the slot bottom.

11. Unscrew the reverse-threaded Posi-Pin Nut (L). Slide the balance wheel onto the balance wheel bushing (M). Once the balance wheel comes into contact with the belt, start feeding the belt over the balance wheel like the chain on a bicycle until the belt is over the cogs of the balance wheel while keeping it on the small speed reducer pulley.
12. Thread the reverse-threaded nut back onto the bushing and tighten by hand.

13. Rotate the belt cover (J) back down and install the lower screw (I).

NOTE: In order to properly rotate the balance wheel, place your hand on the top of the balance wheel and pull toward you (N). The machine will not operate until the Posi-Pin is secured (see next step).

14. Push the Posi-Pin (O) through one of the holes in the balance wheel (P) (any will work). While maintaining pressure on the Posi-Pin, rotate the balance wheel (N) until the Posi-Pin locks into one of the balance wheel bushing holes (Q). When fully inserted, there will be a “click” sound and rotation of the balance wheel will cause the machine to function.
15. To disengage the machine (for bobbin winding), pull the Posi-Pin out of the balance wheel. The balance wheel will now rotate without operating the machine. Push the pin into the hole at the center of the Posi-Pin Nut to store (R).

Plug In Ultrafeed

16. With the control box off, plug the motor into the control box (T). Plug the foot control plug into the control box (U). Plug in the power cord to the control box (S). Regular household current should be used (115 volts for 110V power systems or 220-240 volts for 220V power systems, 50/60 Hz).



Install Spool Pin

17. Find the felt pad and spool pin (silver threaded rod about 2 inches long with holes in it) in the tool bag.
18. Use a flat-head screwdriver to screw the spool pin into the top of the machine, then place the red felt disk over the spool pin (V).



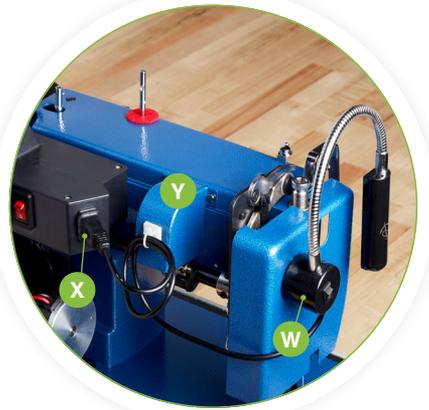
Accessories Assembly

To attach the LED light, place the magnetic light in your desired location on the machine (W) and plug it into the control box (X). *Optional:* Attach the included plastic clips to the back of the sewing machine and use the zip ties to hold the cord (Y).

NOTE: Should there be an internal light, simply plug it into the control box (X).

WARNINGS:

- Electrical items exceeding 100 watt should not be used in the control box outlet. Exceeding this limit may blow the control box fuse.
- Do not plug/unplug the foot control with the control box switched on. This could cause the machine to run unexpectedly.
- Must use a grounded outlet.
- Don't use plug adapter or extension cord without a grounded plug.



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Ultrafeed® With WorkerB® Power

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Qty: 1