

Straight Shooter

Straight Shooter SC-36 variable speed sequencing conveyor with adjustable height stand

Assembly and operating instructions



By:

Straight Shooter Equipment Company

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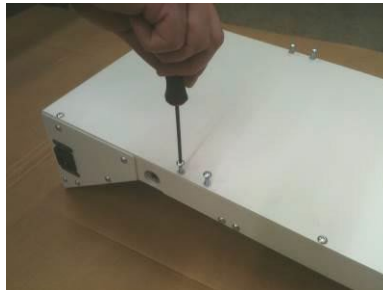
Stand assembly instructions:

Step 1: Carefully remove conveyor and stand components from shipping carton.

Step 2: Lay conveyor upside-down on floor or table on top of cardboard or paper to prevent scratching



Step 3. Using a 1/8" Allen wrench remove the eight 3/4" long button head screws and lock washers used to hold stand legs in place.



Step 4. Using the 3/4" button head screws and lock washers, attach the stand leg with the flat feet to the wedge-shaped end of the conveyor with the locking levers facing the side with the power plug as shown.



Step 5. Attach the stand leg with the casters to the other end of the conveyor as shown.



Step 6. Using a 5/32" Allen wrench, remove the four 1/2" long button head screws and lock washers from the stand legs on the opposite side of the locking levers.



Step 7. Using the 1/2" long button head screws and lock washers, attach the cross bar to the stand legs. After complete assembly, tighten all bolts completely.



Step 8. Carefully flip conveyor over and stand upright.



Step 9. Loosen the locking levers on both stand legs to adjust the conveyor height. It is generally easier to adjust one end at a time and lock in place while adjusting the other end.



Using the SC-36 with RISO Inkjet printers & Duplicators:

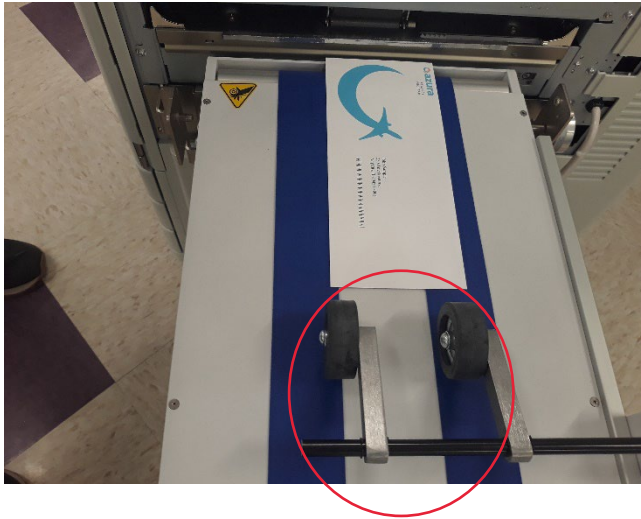
When using a RISO printer, the conveyor should be positioned against the printer, at the exit end about 1 inch below the exit height of the envelopes, i.e., Top of the Bracket Wing Cover (for Inkjet printers) or Top of the Suction Unit Cover Plate (for Duplicators).



SC-36 Conveyor Controls

The SC-36 Conveyor features a Knock Down Roller Assembly. The position of the Knock Down Roller Assembly vis-a-vis the length of the Conveyor may be adjusted using the adjustment plate which is mounted on the rear side of the Conveyor. The optional Knock-Down Roller Assembly catches and controls material at high-speed offering a controlled shingle.

The SC-36 features a ramp to create easy-to handle stacks.



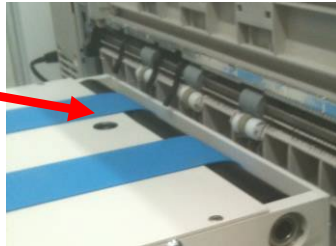
Knock Down Assembly positioning:

The Knock Down Roller Assembly may be set to the left or the right of the Operator depending on whether the rollers will obstruct or not the feeding envelope.

Make sure that the SC-36 Conveyor is set against the printer and its power is turned OFF (Transfer belts not running). Feed an envelope through the printer and measure the distance between the lead edge of the envelope and the roller. If the distance is $\geq 1/2"$, the Knock Down Assembly shall be flipped to the left side of the Operator toward the printer. If the distance is $< 1/2"$ the Knock Down Assembly shall be flipped to the right side of the Operator.

The SC-36 conveyor features a document detect photo eye on the input end to detect envelopes or other documents as they leave the host machine. This photo eye will instruct the conveyor to run only when the printer is ejecting documents. With this method, a consistent shingle with no gaps between envelopes can be achieved on the conveyor.

Paper detect photo eye



The conveyor also features a “continuous run” switch on the back plate. When in the down position, this switch causes the conveyor to run continuously and disables the paper detect photo eye. When using longer documents or documents that the photo eye has trouble detecting, continuous run mode can help

Conveyor Mode Switch

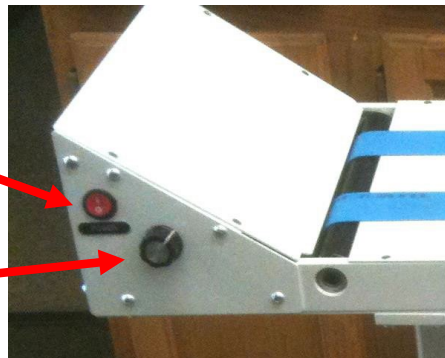
Down for continuous run

Up for photo eye operation
(also called sequencing)



Power Switch

Speed control
Works in continuous or
sequencing mode.



**2-Amp fuse located in fuse
holder on back plate**



SC-36 Specifications:

Dimensions: Length, 42", Width, 13" overall

Weight: 41lbs with stand

Electrical: 120/230 vac, 2 amp

Speeds: Variable, up to 55 feet per minute

Height, Adjustable from 24" up to 35"

The SC-36 Conveyor is designed to transport lightweight paper materials such as envelopes, postcards and other documents away from printing equipment. Using the SC-36 for heavy materials is not recommended.

When using heavy gloss stock, do not allow excess material to build up on conveyor as the weight could cause drag on the conveyor belts.

Use a mild household cleaner to clean the conveyor and belts.

DO NOT USE ALCOHOL TO CLEAN THE CONVEYOR BELTS!

Straight Shooter SC-36 delivery conveyor wiring diagram Sept 2020

