

MAXIM RX-9S

Patent Pending

Operators Manual

June 2013

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Illustrations in this guide are for reference only and may depict optional features that are available at additional costs

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Unpacking your Feeder

Visually inspect that all items are received, and that there is no damage from shipping.

- 1-Feeder Base w/ sensor light assembly attached
- 1-Cross-Bar assembly
- 1-Bag with (wedges and power cord)

You will be required to attach the Cross-Bar assembly to the Feeder Base unit. The Cross-Bar assembly has 4 mounting screws attached. Take out the screws and slide Cross-Bar assembly between the two uprights of the Feeder Base unit. Screw the screws through the slotted holes and set the height so that the bottoms of the side guides are slightly above the Feeder Base deck.



Attach light assembly as shown in image.
Connect power source to unit through provided power cable.



(Figure .1)

Review of Feeder

(Figure. 1)

The BLADE™ technology is very simple in its design.

All singulation of product is achieved between the carriage belt and The BLADE™ itself. Pressure on the blade, by turning the hand screw located at the top of the Cross-Bar assembly, will give you the necessary setting for your product thickness.

The side guides attached to the Cross-Bar assembly are set in position via two thumb screws located on their mounting block. The side guides are designed to control the product through the feeder and deliver a square presentation of product.

The Pre-Stage plate is designed to deliver the product into the BLADE™, at the correct shingling arc. The unique independent magnetic wedges, allow the operator to represent both side control and back wedging into the Pre-Stage plate effectively.

The feed sensor is what triggers the “S” (Staging feeder) to feed another piece. This sensor will need to be set on your inserter to set the product in the correct position for pickup.

Setup of Feeder

A tutorial video can be viewed at www.Superior-PHS/setup.html for equipment setup.

Setup:

1. Release pressure on the BLADE™ by turning the adjusting screw atop the feeder counter-clockwise. Insert a single piece of product between the BLADE™ and the carriage belt. Turn the adjusting screw clockwise and continually pull your product through the two mechanisms until the friction on the product presents a firm grip on the single piece. Final adjustments can be made as you begin to feed.
2. Set the side guides at the correct position to center the product on the carriage belt.
3. Release the magnetic wedges by tilting them away from the Feeder Base deck and reposition them at the correct spot to achieve correct back wedging of your stacked product in the hopper.
4. Set your speed to slow and adjust the feed sensor so it will detect a product at the exit point of the feeder. Turn the feeder on at the power cord inlet switch and make your final adjustments while the feeder runs to insure proper staging, singulation and squareness.

Standards and Options

Feeder Standards :

Product Sizes: Min 2.5"W x 3.5"L
Max 8.75"W x 7.5"L
Speed: 400ft./min.

Feeder Options : **(Call on these options for pricing and availability)**

The BLADE™ (s): We offer different durometer material for product finishes that might require a less/more aggressive operation

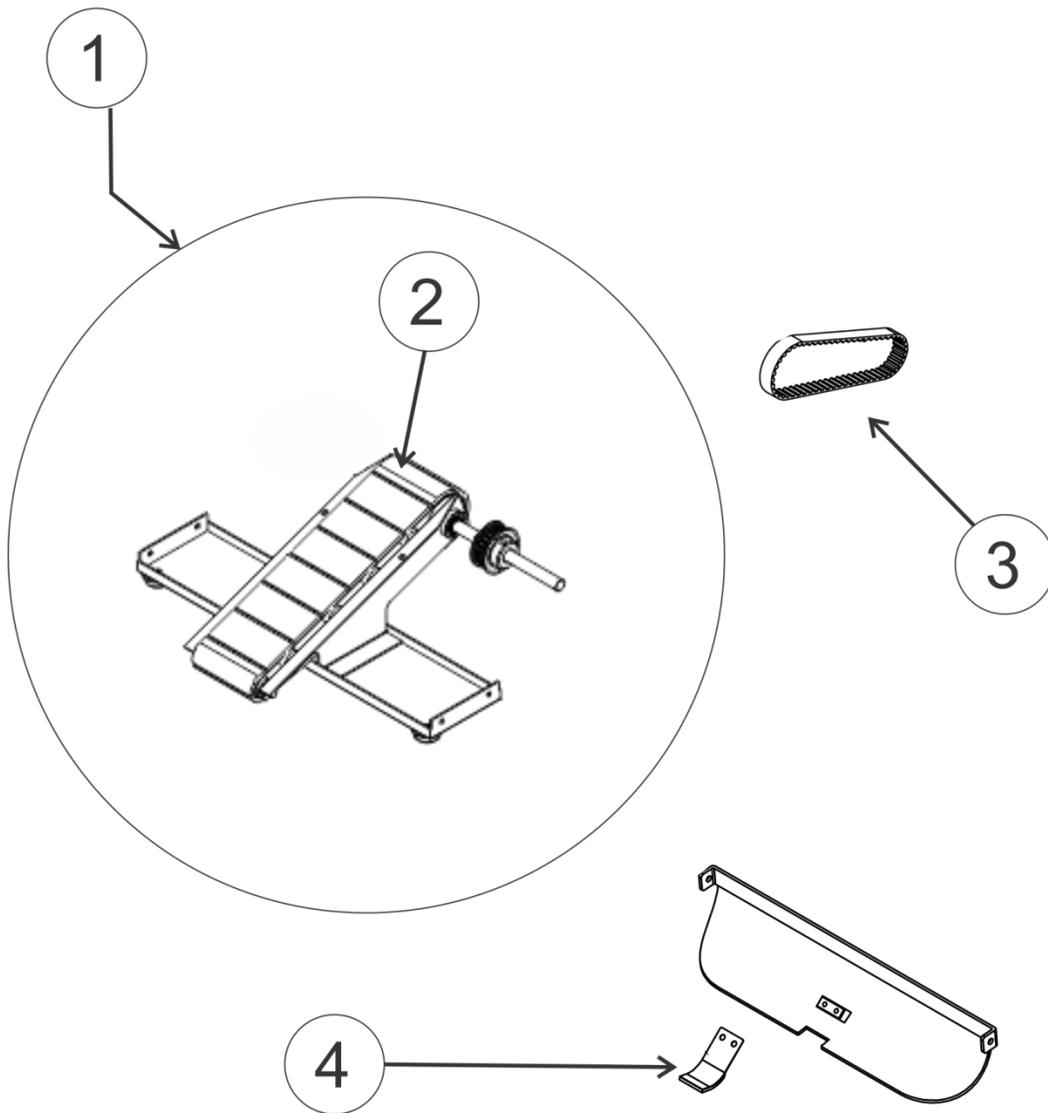
Spring Clips: Used on the inserter frame to hold the staged product against the hopper plates for accurate pickup by the inserter swing-arms



Wearable Parts

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	400104	CARRIAGE ASSY *	1
2	300558	FEED BELT	1
3	300852	DRIVE BELT	1
4	300681	THE BLADE™	1

* When needing to replace a feed belt (Item 2) the carriage Assy (Item 1) can be ordered as an option to ordering the belt alone. A core replacement charge is instituted until the repairable carriage is returned. We inspect all bearings and rollers when a replacement carriage is ordered and the feed belt is new. Call for pricing and procedures.



Electrical Schematic

