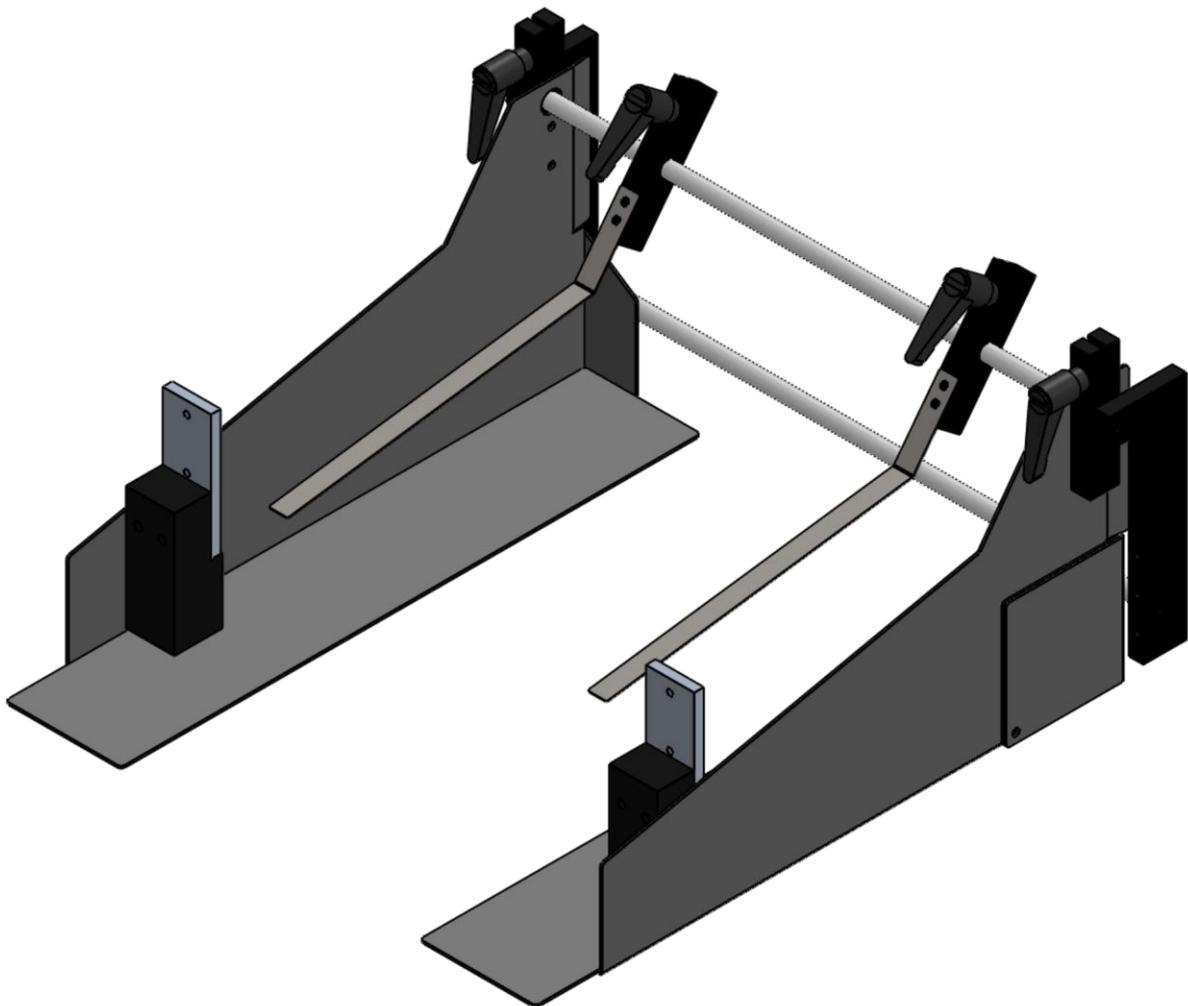




BATCHING TRAY II SET UP GUIDE





OVERVIEW



The New Batching Tray II, by Superior-PHS, is designed to accumulate product from a Maxim RX or Xtreme XM Series friction feeder to automate the counting process offline or near-line.

Its thoughtful design allows the BT-II to flip up and out of the way for inline batching counting applications without the downtime associated with removing the tray.

Standard BT-II includes:

- Right and left Tray Extension inserts for wider and less ridged products
- Two Magnetic Back Stops for easy adjustment for product setup
- Dark On sensor and Light On sensor (if purchased with feeder)

ATTACHING THE TRAY TO A MAXIM RX™ FEEDER



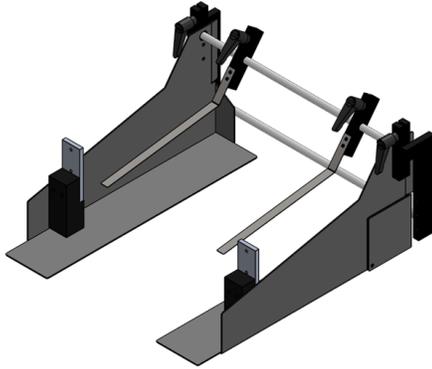
There are several holes on the mounting brackets on the feeder to align the Mounting Bars on the BT-II. Align the holes that will best fit the height of your product stack in the BT-II.

Note: Adjust the BT-II for the least amount of drop from the discharge of the feeder to the bottom of the tray, but still fit a full count of product.

Using a 5/32" allen wrench, secure the BT-II with the four enclosed 10-32 x 1.5" socket head cap screws.



BT-II PRODUCT SETUP



Adjust the BT-II to the width of your product and allow for 1/8" of play for the product to move side-to-side by loosening the handles and sliding the Side Frames along the shafts. Be sure the Side Frames are centered from the discharge of the feeder and retighten the handles.

The BT-II comes standard with a Right and Left Tray Extensions. These are to support longer product lengths, *products wider than 8", and flimsy product that may sag in the middle of the tray. The Tray Extensions are secured by wing-nuts underneath the BT-II and can be added or removed depending on your product specs. *Width support varies by product. 8" is not an absolute measurement.

Secure Left and Right Back stops to the BTII

Position the two Magnetic Back Stops along the tray to fit your product size. Leave approximately 1/4" of play for the product to move forward and back.

CONNECTING THE TRIGGER SENSOR

⚠ Be sure the power supply is in the 'Off' position before connecting Trigger Assy..

1. *Shown right top:* Connect the enclosed Trigger Assy to the 'Trigger' or 'External Trigger' on the back of the feeder.
2. If Purchased with a Feeder the Trigger Assy will come with the DARK ON Sensor mounted, The LIGHT ON sensor will be separate in a bag. The sensor you choose will depend on your application and/or preference.

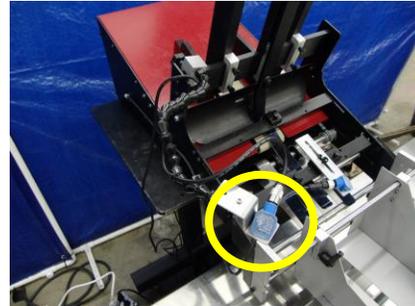
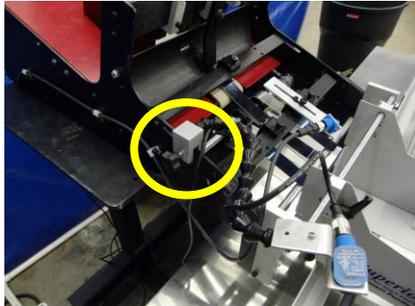
- The '**Light On**' sensor (middle right) will trigger the feeder when it is blocked. Use this sensor when feeding onto other objects, such as a flighted conveyor, or to trigger the sensor by detecting a passing object, such a conveyor lug or product wave. *Note: Be sure not to trigger the feeder before the cycle is complete. This will put the feeder into fault mode. For example, waving an open hand in front of the sensor may detect multiple fingers before the cycle is complete.*
- The '**Dark On**' sensor will trigger the feeder when the sensor is not blocked. You may prefer this sensor when using the BT-II for off-line batch counting. Position the sensor under the batching tray so that it is blocked when your product is fed into the BT-II. When the product is removed, this will unblock the sensor and automatically trigger the next cycle. *Note: This sensor will be active as soon as the feeder is turned on.*





'Light On' Sensor set up

1. Mount the Trigger Sensor to the feeder where it will be convenient to manually trigger the batch cycle and away from detecting any motion.
2. Power on the feeder and set the feeder to the desired count. Manually cycle the feeder or trigger the sensor. After the count is finish, remove the product from the BT-II Batching Tray and trigger the sensor again.



'Dark On' Sensor set up

1. Mount the Trigger Sensor to the feeder or BT-II Batching tray and position the sensor underneath the tray so the sensor is blocked when product is fed into the tray. Leave one pc of product in tray.
2. Power on the feeder and set the feeder to the desired count. Manually cycle the feeder. After the count is finish, remove the product from the BT-II Batching Tray and this will automatically trigger the next cycle.



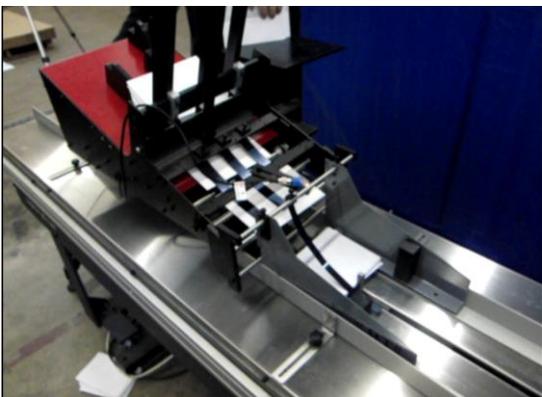


OPTIONAL SETUPS



The BT-II Batching Tray is designed to allow the Side Frames to flip up and out of the way for inline batching counting applications without the downtime associated with removing the tray.

Rotate the Side Frames to rest on the feeder hopper and use your batch count feeder inline or right angle.



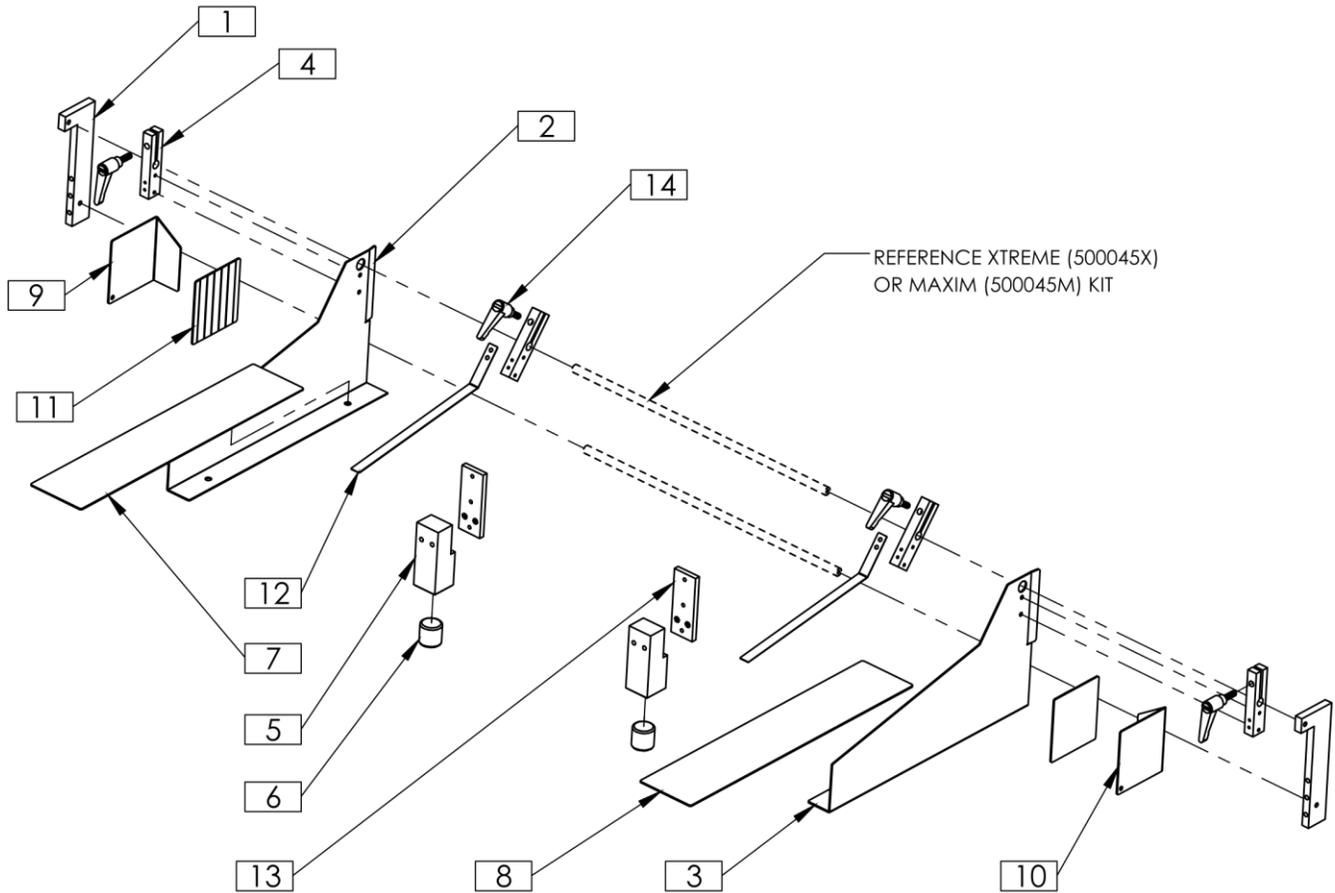
INLINE BATCH COUNTING

1. Remove the right and left magnetic back stops.
2. Position your feeder and BT-II Batching Tray over your flighted conveyor the *opposite* direction of the conveyor flow.
3. Set your batch size to the desired count and position your trigger sensor to detect the passing lug.
4. Product is counted into the BT-II Batching Tray and pulled into the conveyor pocket by the passing lug.

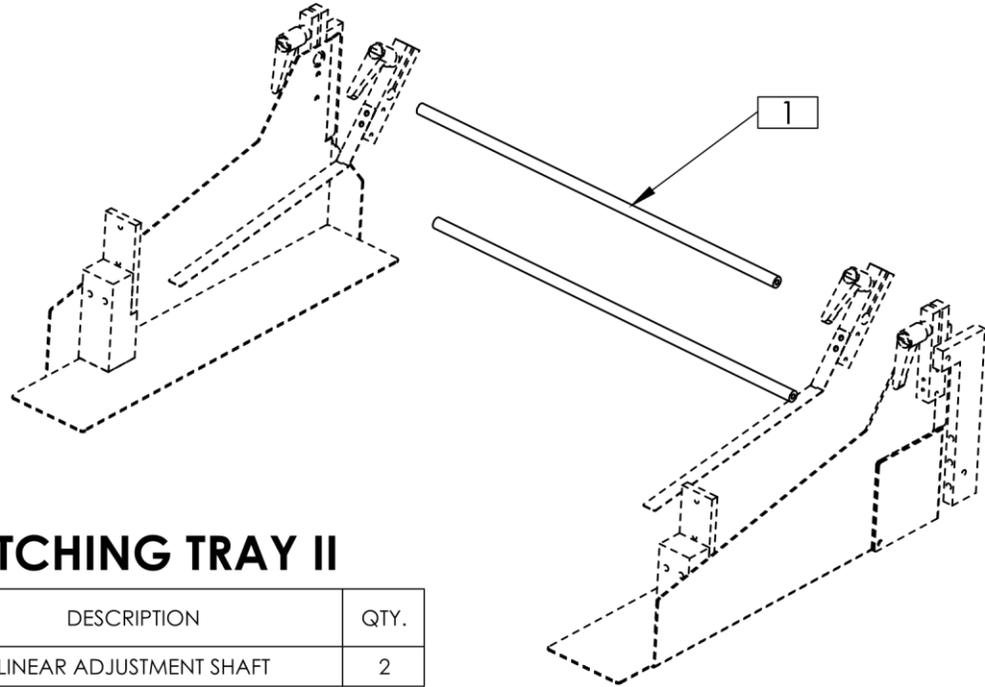


PARTS GUIDE

BATCHING TRAY II BASE

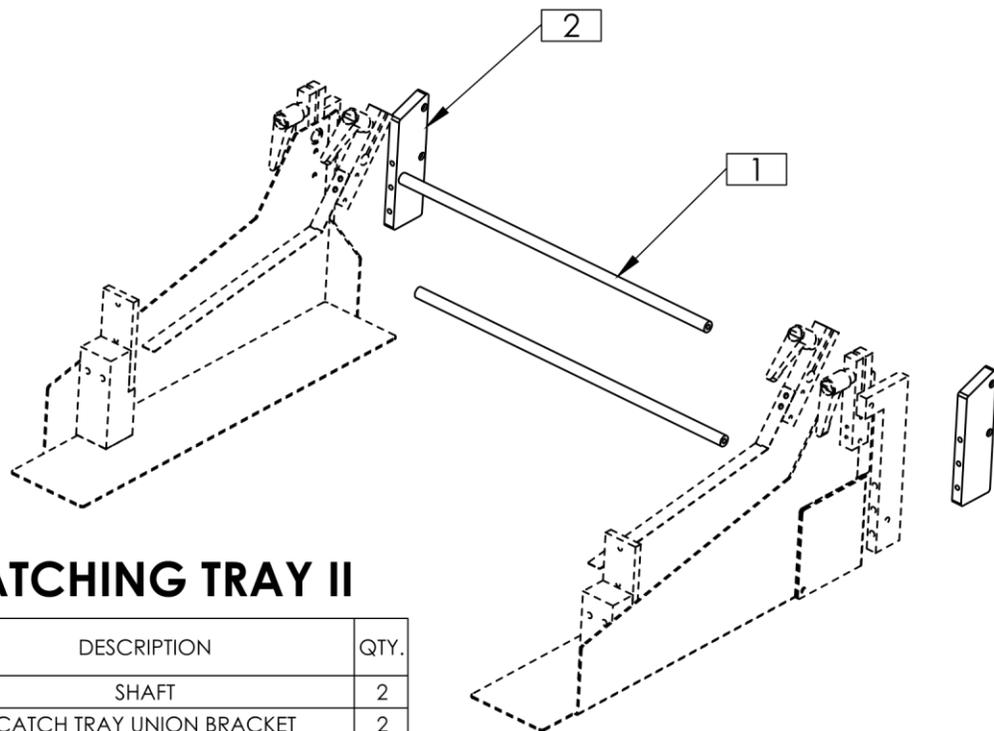


ITEM NO.	PartNo	DESCRIPTION	QTY.
1	300934	MOUNT BAR	2
2	301086	SIDE FRAME RIGHT	1
3	301087	SIDE FRAME LEFT	1
4	301085	MOUNTING BLOCK	4
5	300935	BACK STOP	2
6	300936	MAGNET	2
7	300957	TRAY EXTENSION, RH	1
8	301877	TRAY EXTENSION, LH	1
9	301088	RIGHT MAGNETIC BACK STOP	1
10	301089	LEFT MAGNETIC BACK STOP	1
11	301190	MAGNET	2
12	300968	SST STRAP	2
13	301468	BACK STOP MOUNT PLATE	2
14	100354	LOCKING LEVER	4



500045X XTREME BATCHING TRAY II

ITEM NO.	PartNo	DESCRIPTION	QTY.
1	300933	LINEAR ADJUSTMENT SHAFT	2



500045M MAXIM BATCHING TRAY II

ITEM NO.	PartNo	DESCRIPTION	QTY.
1	301084	SHAFT	2
2	301083	CATCH TRAY UNION BRACKET	2