



Larson Systems Inc.

MC34 2-Way Sorting Chute Instruction Sheet

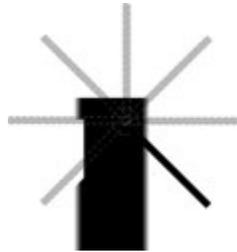
Unpacking

Included in the carton should be the following items:

- This Instruction Sheet
- One fully assembled MC34 chute
- One mounting base including swivel clamp

Mounting the Chute

Mount the mounting base to the face of the coiler in a position that the chute mounting arm can be inserted in the swivel clamp when positioned to catch cutoff springs. The mounting arm on the chute can be positioned at four different angles.



7 possible mounting arm positions.

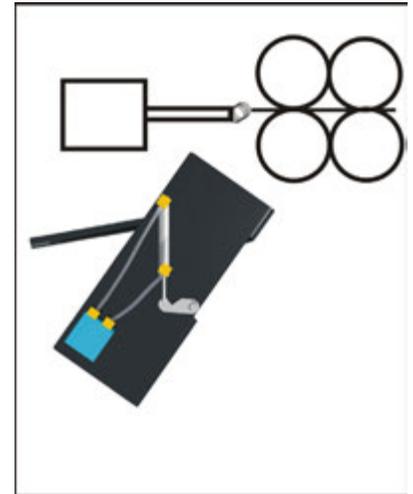


Fig. 2. Angled mount better separates rejected springs from good.

It is recommended that the chute be mounted at an angle (fig. 2). Mounting at an angle gives a greater separation between the paths of the good and rejected springs.

Electrical Connection

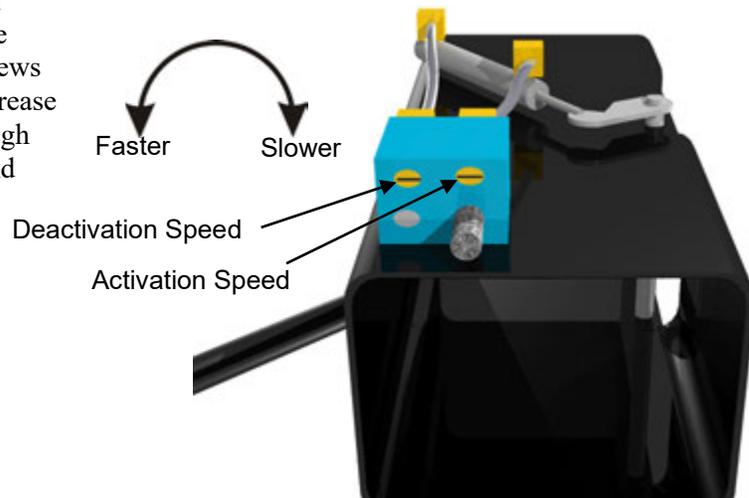
Connect the cable to any Larson Systems gage SORT connector. The cable is wired to sort both short and long springs. Sort time is set on the gage.

Air Connection

The MC34 comes with a 10-32 1/8" barbed fitting for a 1/8" air line. This can be changed as necessary to facilitate air hook-up. The MC34 will operate on air pressures from 5-100 psi. Flapper speed can be adjusted at any pressure.

Adjusting Flapper Speed

Flapper speed can be adjusted in each direction using the flow control adjustment screws on the bottom of the air valve (fig. 3). Turning the screws CW will decrease flapper speed, CCW will increase flapper speed. Higher speeds can be used for high speed sorting while lower speeds are quieter and cause less wear on the chute.





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MC34 DIMENSIONAL DATA -- FIGURE 1

