

Operating Instructions



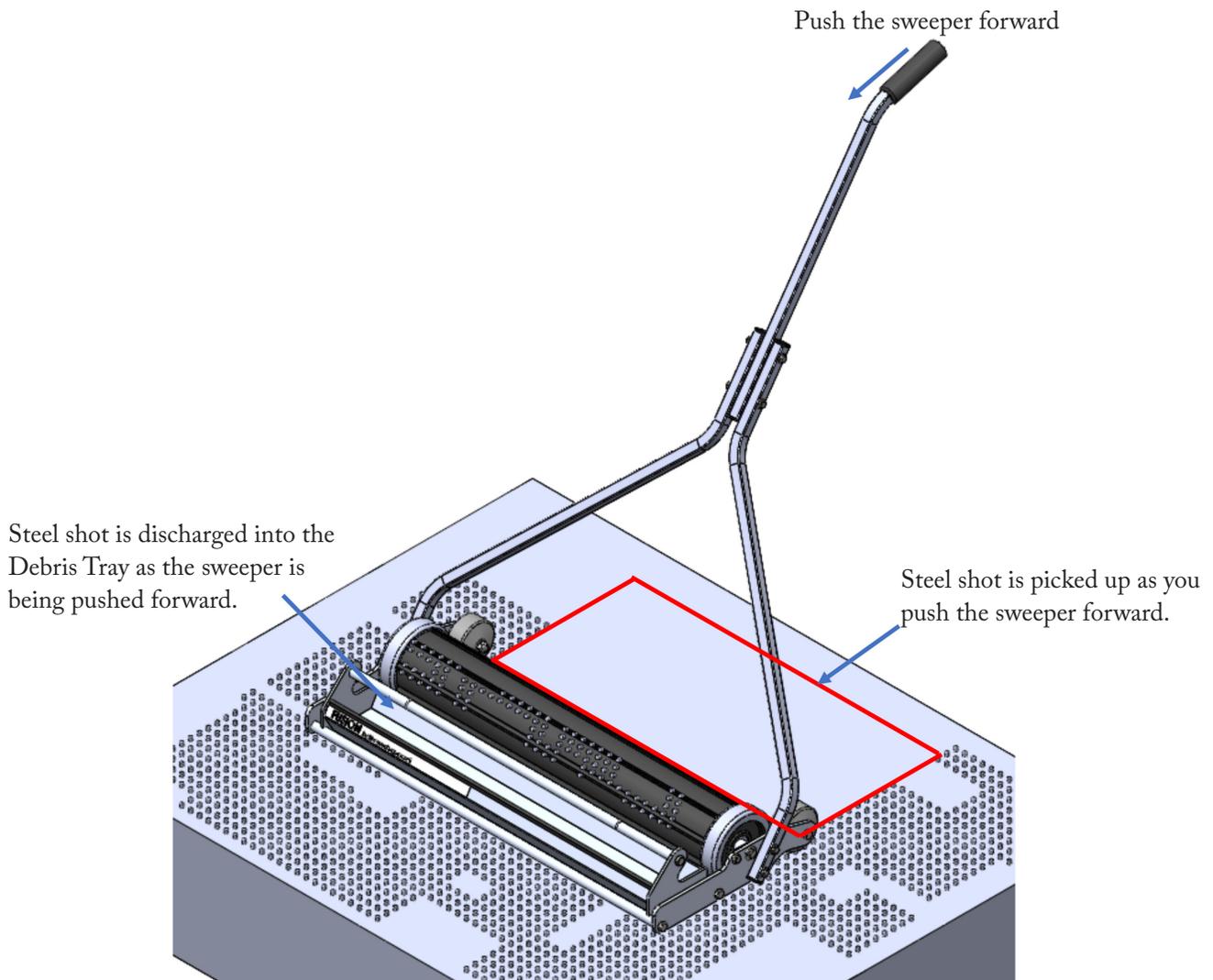
FUSION

 **Bluestreak**equipment MAGNETICS
APPLICATION DRIVEN DESIGN

Bluestreak Equipment
1645 Hwy #3, Delhi, Ontario, Canada N4B 2W6

Fusion Operating Instructions

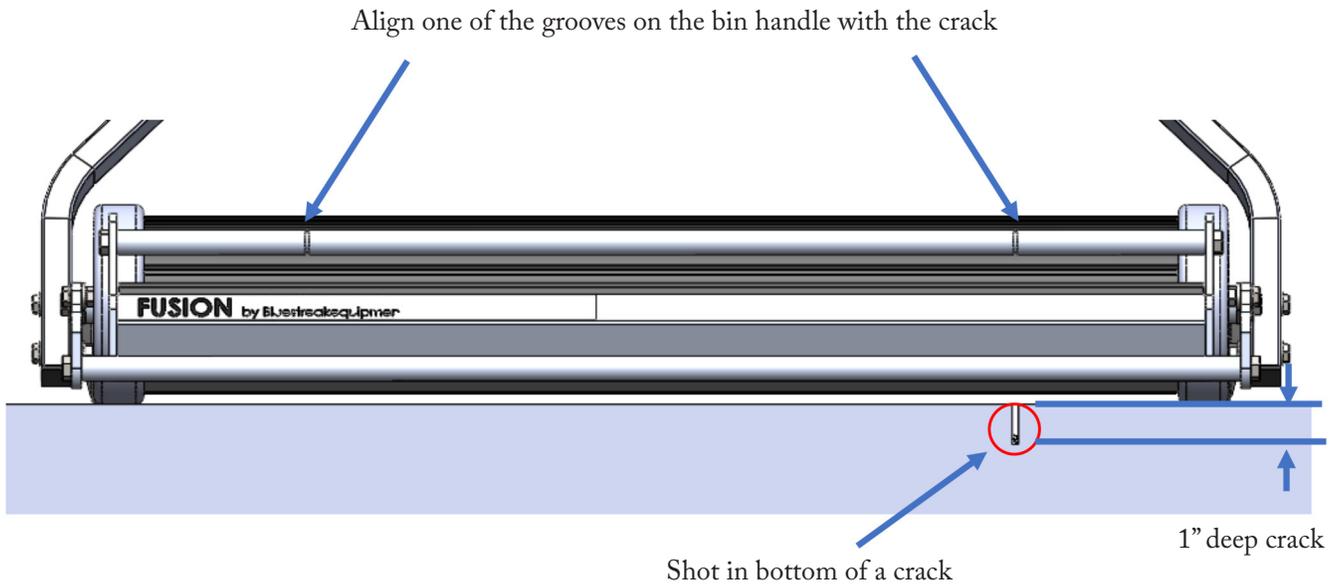
OVERVIEW OF OPERATION



Operation of the magnetic sweeper is straight forward. Push the magnetic sweeper forward, and the sweeper will pick up steel shot and deposit it into the Debris Tray, leaving a clear path behind it. As the sweeper is pushed forward, the steel shot is continuously cleaned off from the bottom of the sweeper by the rotating finned drum. By design, this ensures that maximum magnet performance is continuously available.

1. PICKING UP SHOT FROM CRACKS/CONTROL JOINTS

Front View



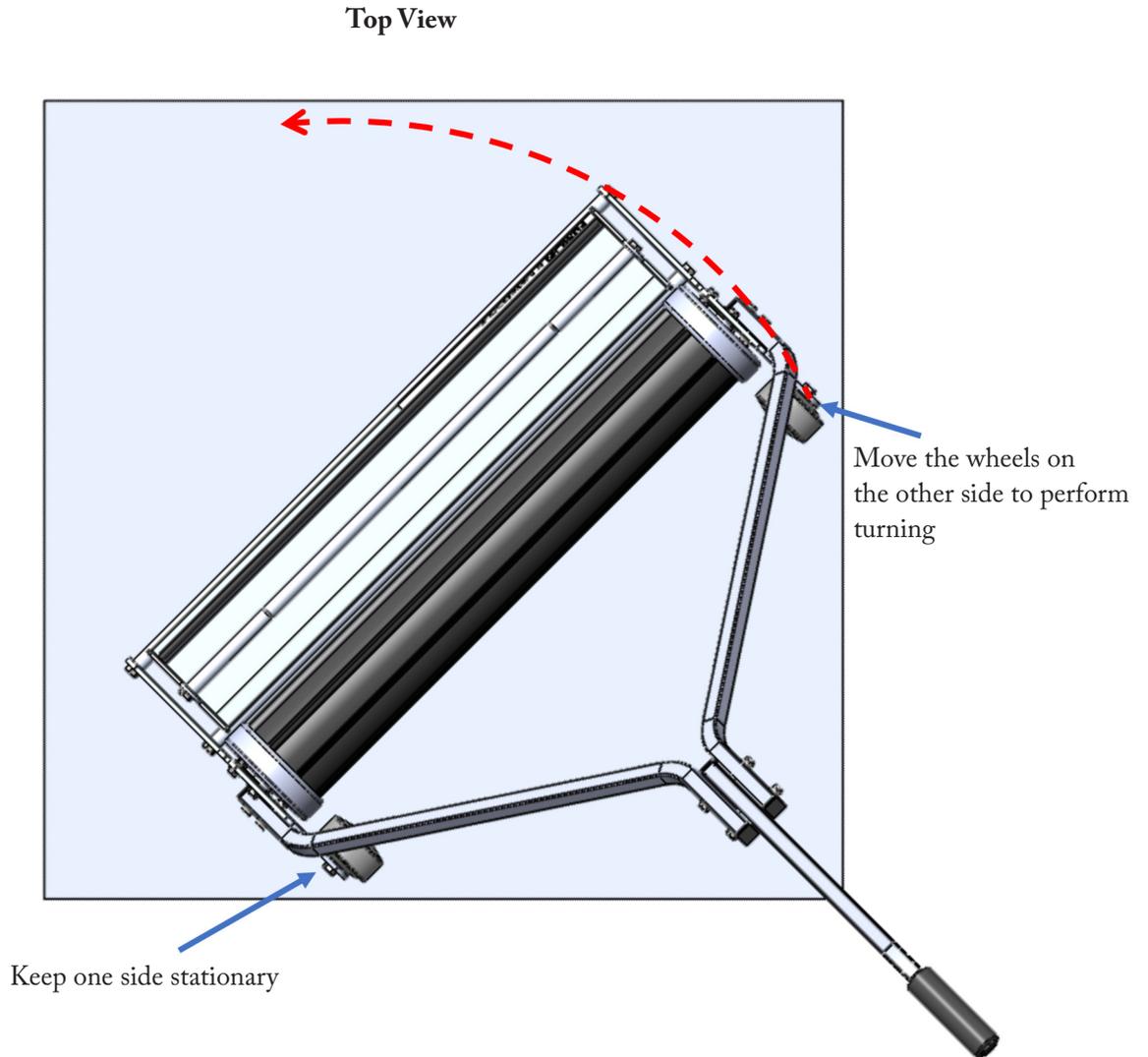
To remove steel shot from a control joint (up to 1" deep):

1. Align one of the grooves on the bin handle with the crack. Those are the locations on the magnet with the strongest vertical pull force.
2. Run the magnetic sweeper along the length of crack.
3. Repeat if necessary.

Note: In order to align with the peak of the magnetic field correctly, please center the Debris Tray within the width of the sweeper.

The sweeper is capable to pick up shots in cracks as deep as 1".

2. TURNING THE SWEEPER

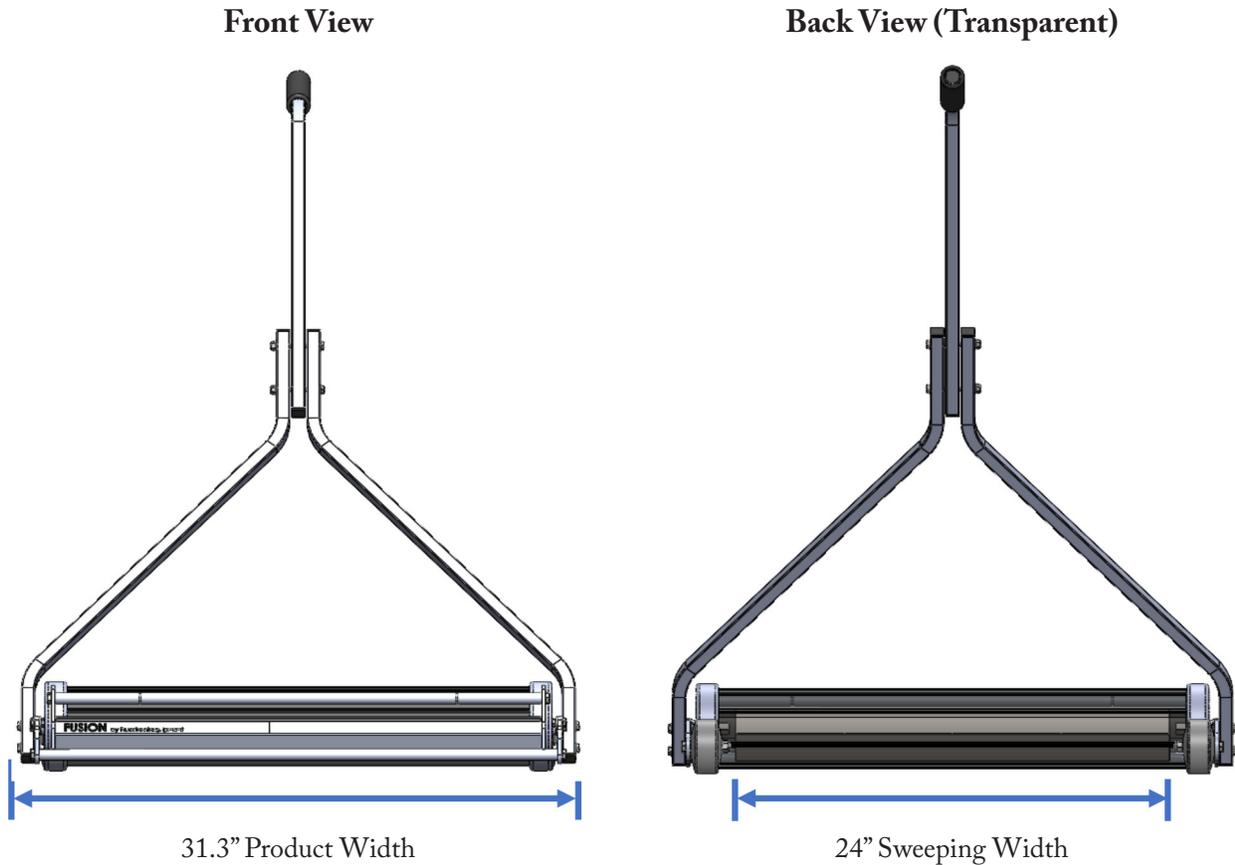


To turn the sweeper:

1. Press down on the handle, lifting the front wheels (finned drum) of the sweeper, and place the weight on the two back wheels.

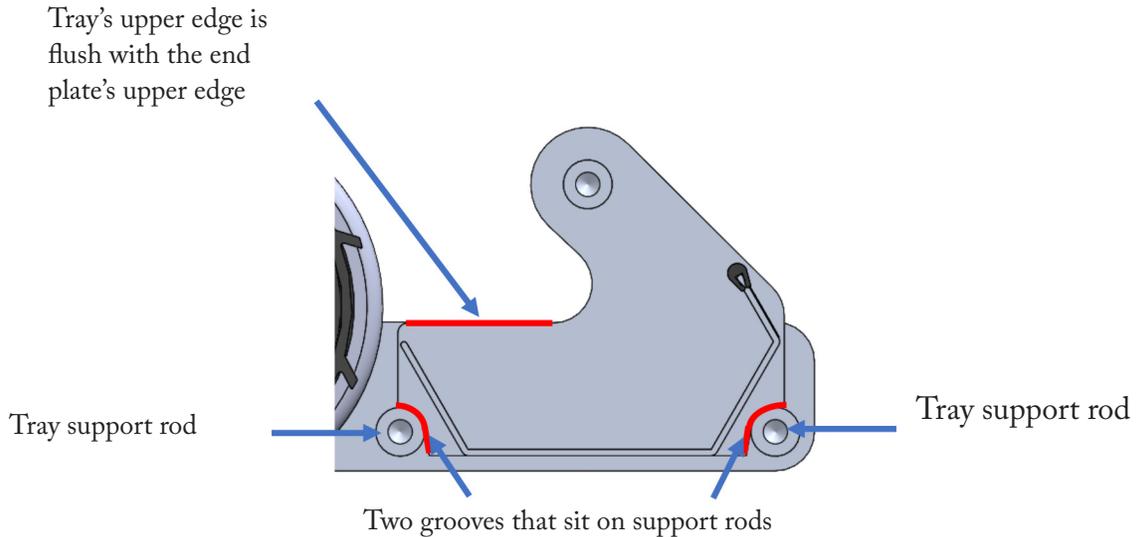
Note: The back wheels also help to stabilize and level the sweeper during normal operation.

3. SWEEPING WIDTH VS. PRODUCT WIDTH

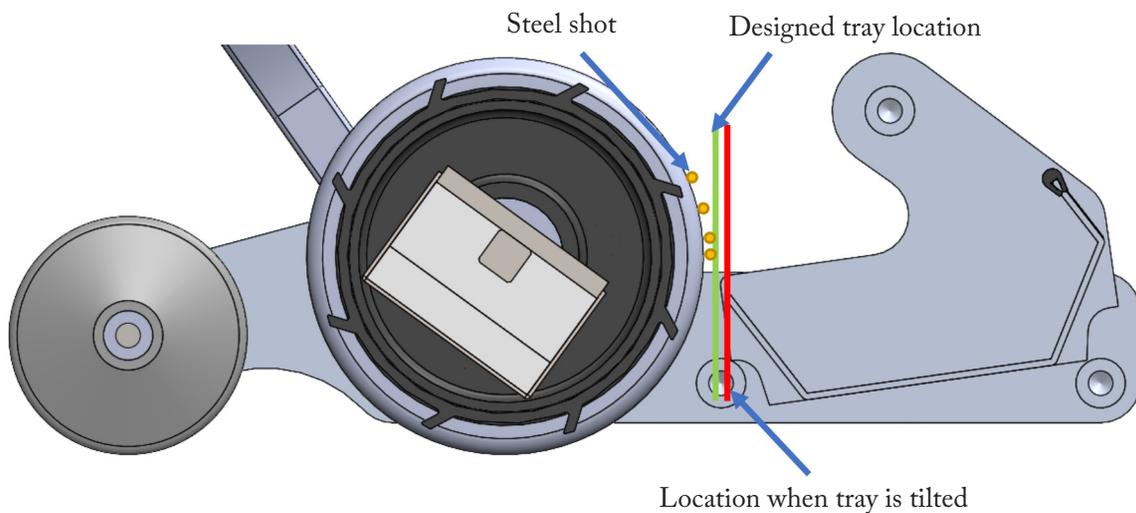


The sweeper has a total width of 31.3", however, that's including the width of the handles, end plates, wheels, and other clearances. The actual magnet width is 24", so the effective sweeping width is 24", leaving approximately 3.65" on each side of the sweeper.

4. THE DEBRIS TRAY



The Tray's end cap has a groove on each bottom corner, which can sit on the two tray support rods. When placed correctly, the horizontal upper edge on the end caps should be flush with the end plates' upper edge.



When the Debris Tray is placed incorrectly (as shown above), it could result in tray shaking and rattling, causing damage to both end caps and support rods. It might also change the designed distance between drum and tray, causing the shot to fall outside of the tray.

The Debris Tray can hold approximately 22 lbs of steel shot. Overfilling the Debris Tray could cause the shot to drop back to ground. Therefore, to maintain the performance, please empty the tray before it becomes full.

5. PARTS AVAILABILITY

All parts are available for the magnetic sweeper from your dealer or directly from Bluestreak Equipment at www.bluestreakequipment.com

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