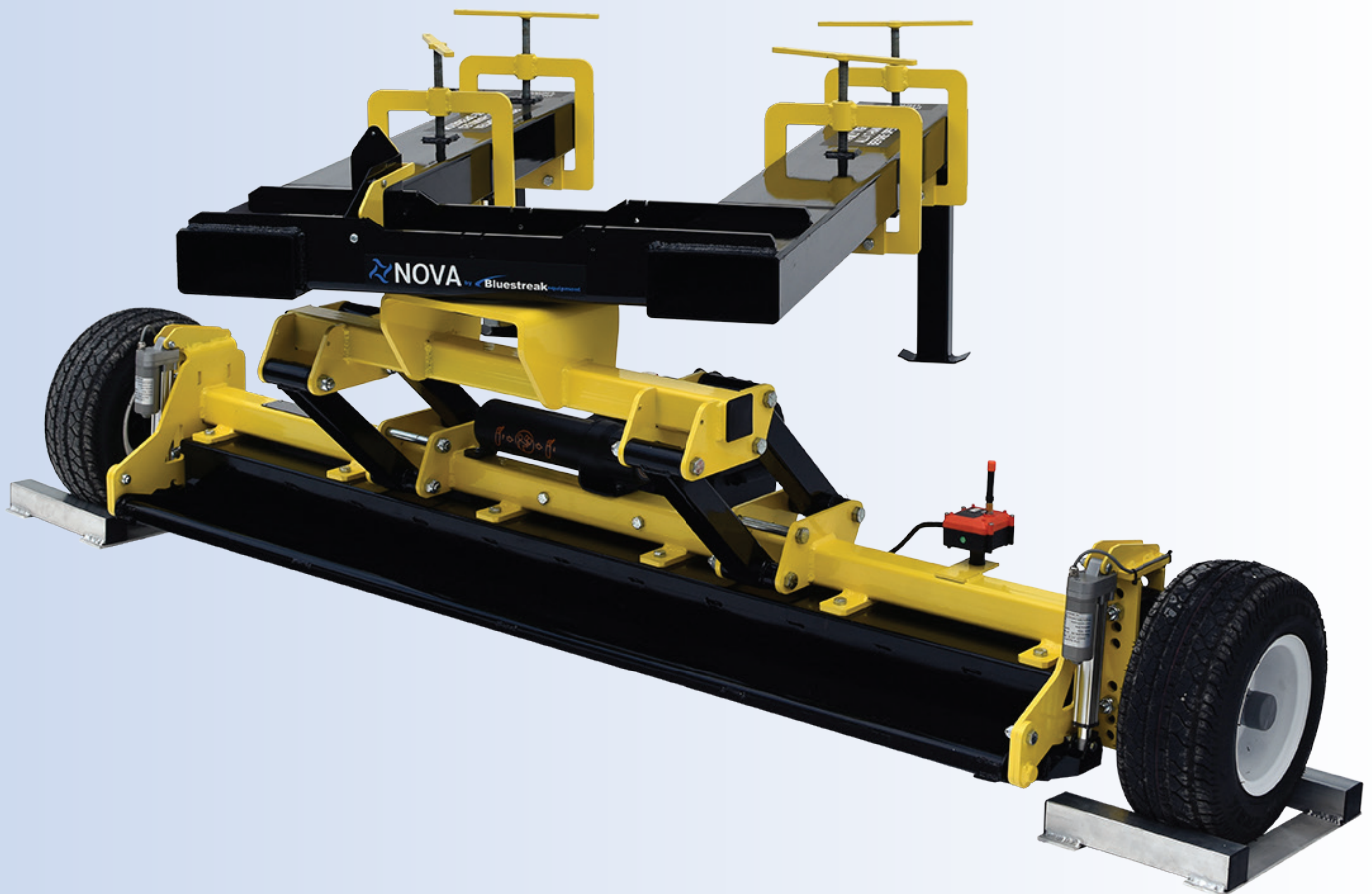


Operation Instructions

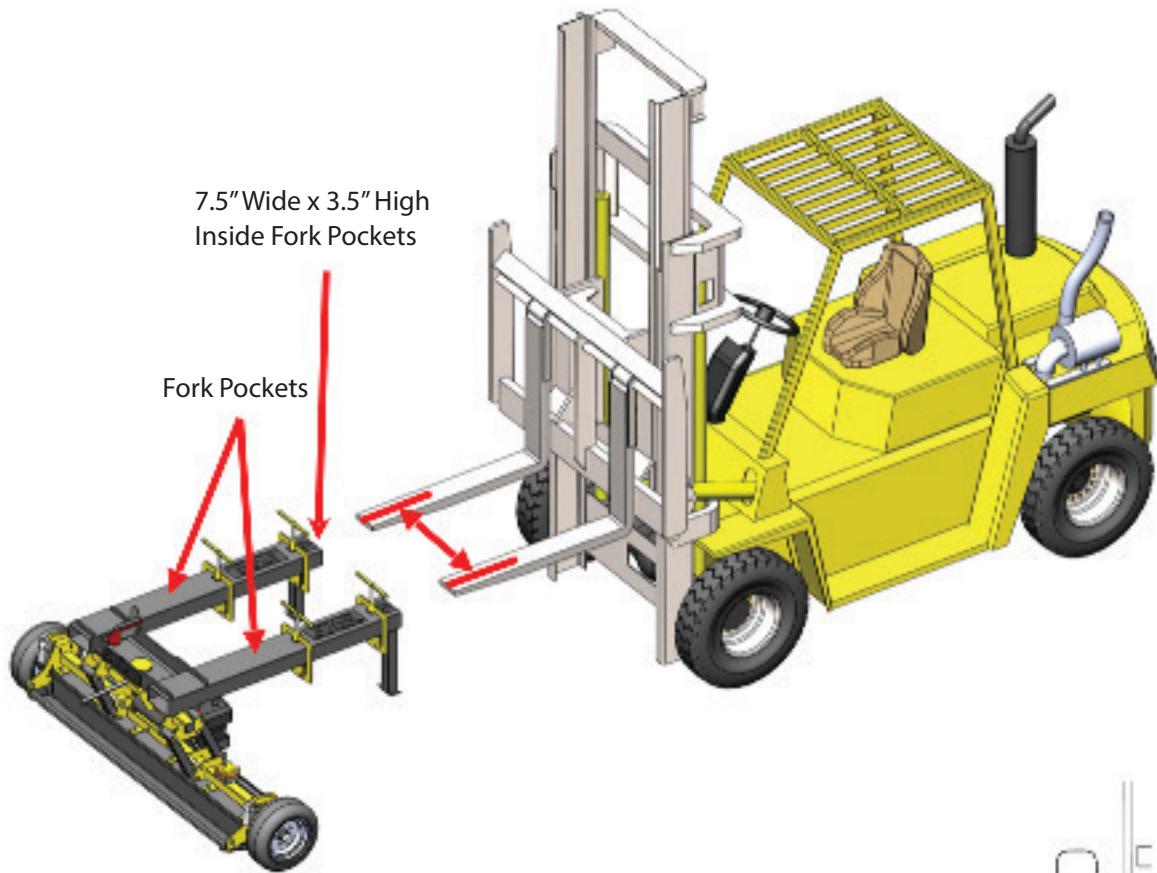


Bluestreakequipment MAGNETICS
APPLICATION DRIVEN DESIGN

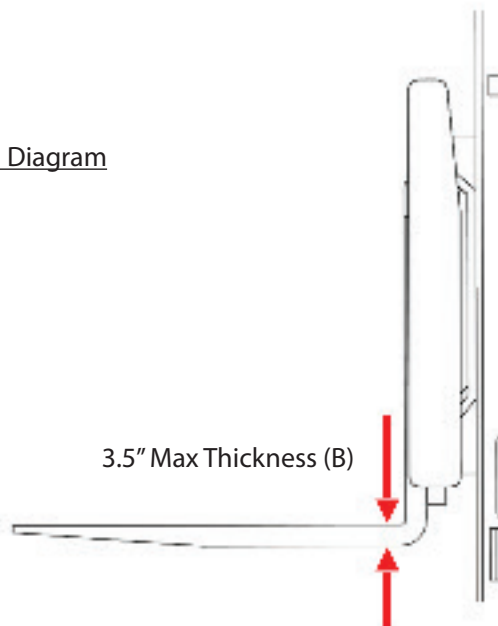
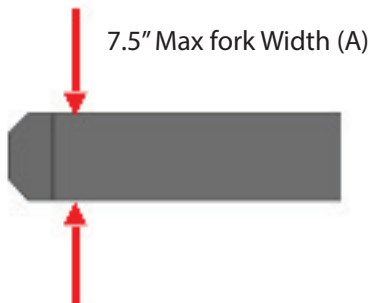
Bluestreak Equipment
1645 Hwy #3, Delhi, Ontario, Canada N4B 2W6

Step 1. Verify Fork Dimensions and Set Up Fork Width on Forklift

The fork pockets on the Nova Magnetic Sweeper accept a maximum fork size of A) 7.5" width and B) 3.5" thick at the heel. If your forks are larger than this do not operate the Nova Magnetic Sweeper on that forklift. Once this is verified to be okay, the forklift then needs to have its fork width adjusted to 30" Center to Center

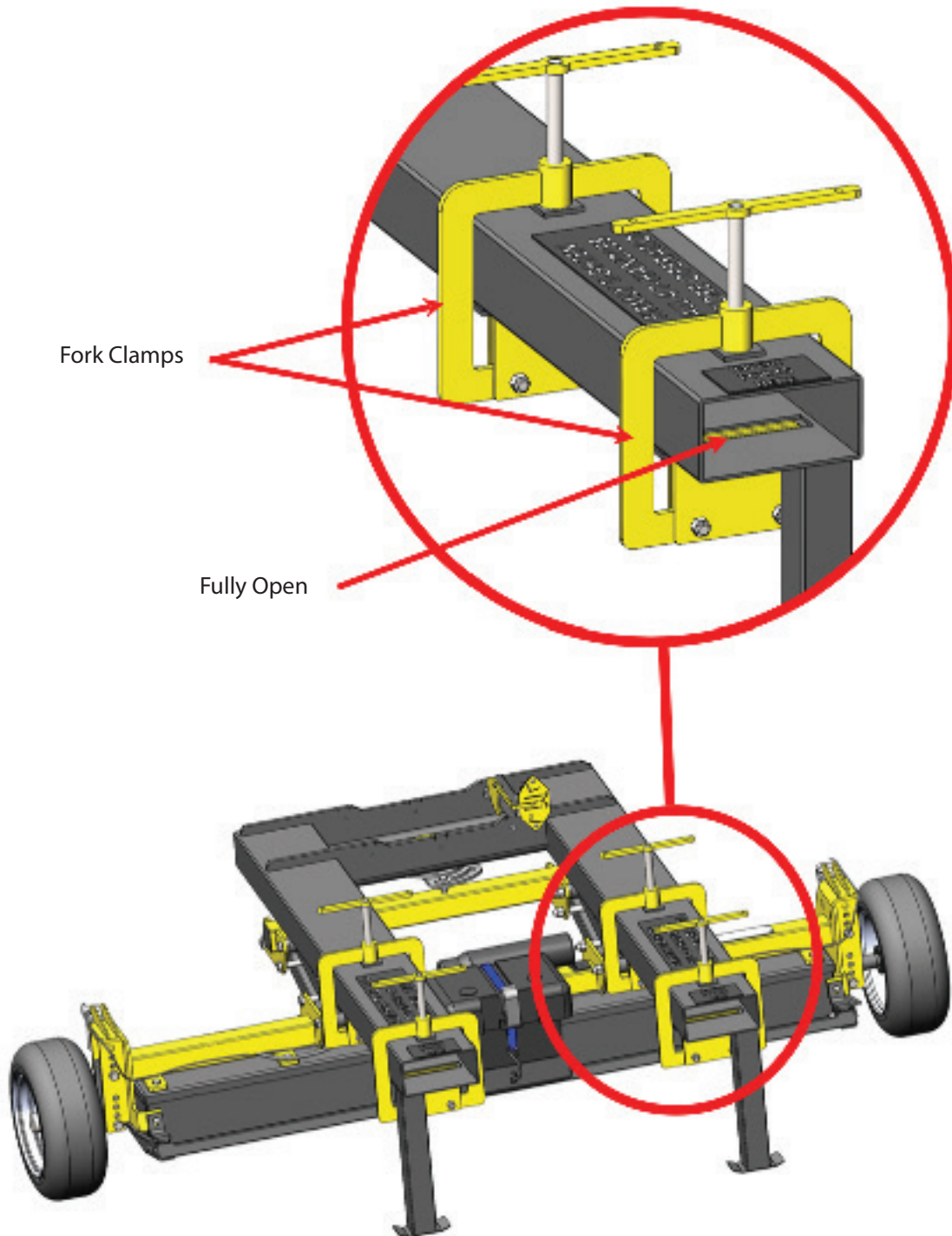


Fork Dimension Diagram



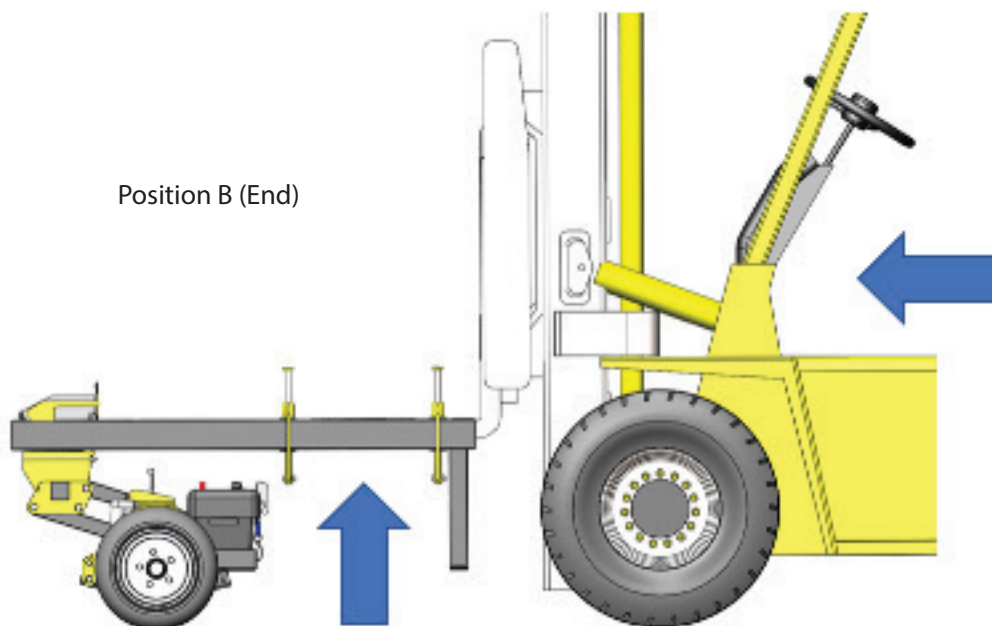
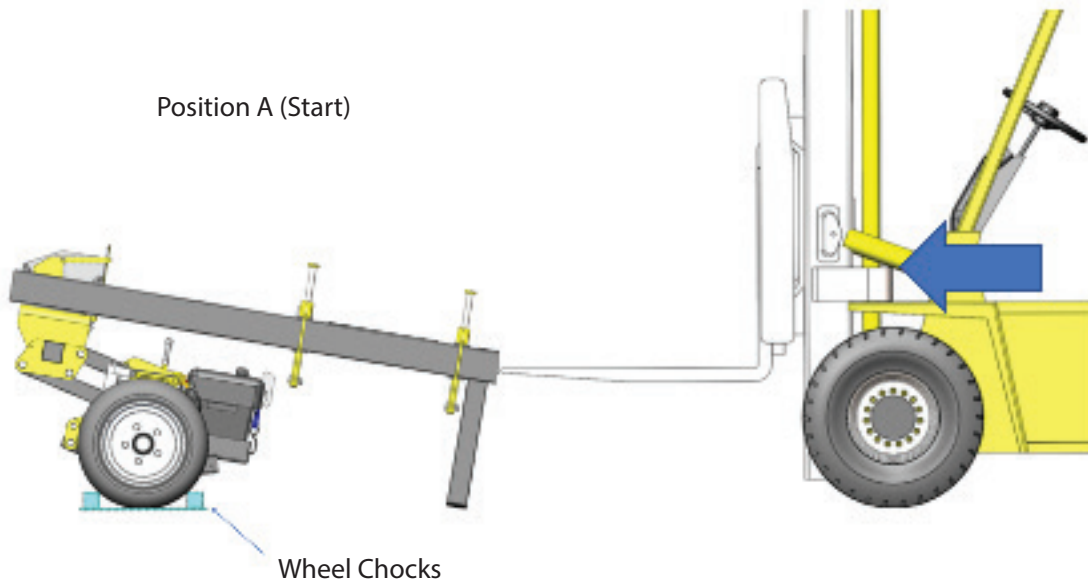
Step 2

Using the 4 T-Handles, rotate each of them counterclockwise until the fork clamps are in the fully open position. They should not interfere when the forks are inserted into the pockets



Step 2. Insert Forks into Fork Pockets

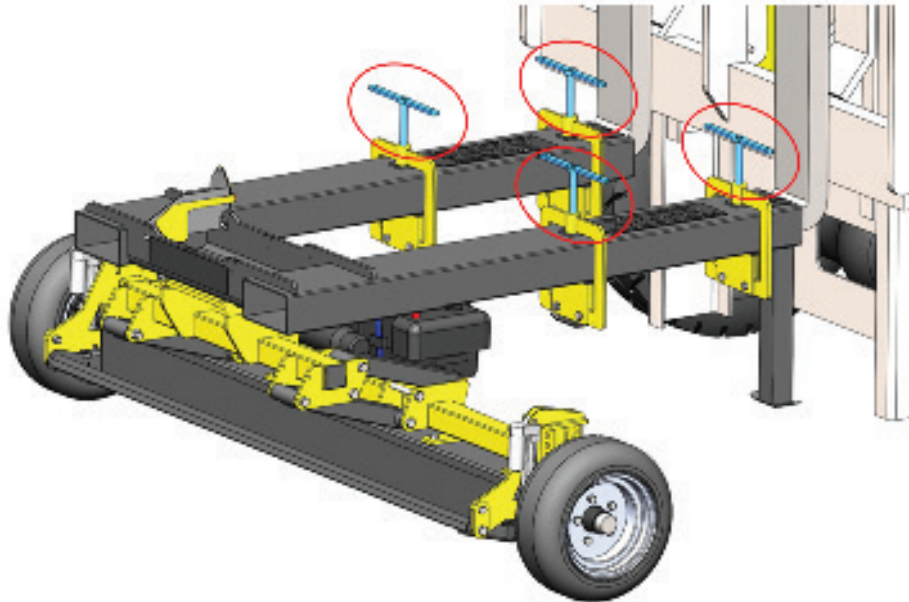
Insert the tip of the forks into the fork pockets. As you drive forward to further insert the forks, lift the forks as necessary until they are full inserted. You will need to lift the forks upwards about 10" from position A to B. It may be necessary to chock the wheels, so the sweeper does not roll forward on smooth surfaces, but not in all cases. Aluminum wheel chocks are provided with the Nova magnetic sweeper, which can be used in this scenario.



Step 2. Tighten T-Handles

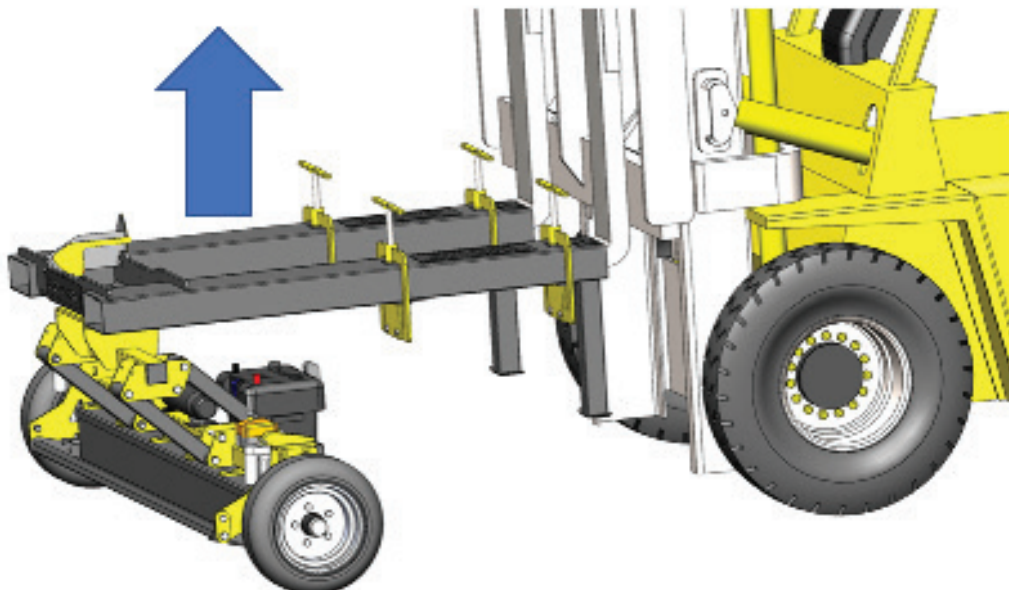
Now that the forks are fully inserted, tighten all 4 T-Handles firmly using 2 hands.

DO NOT USE ADDITIONAL LEVERAGE SUCH AS A PIPE TO TIGHTEN HANDLES.



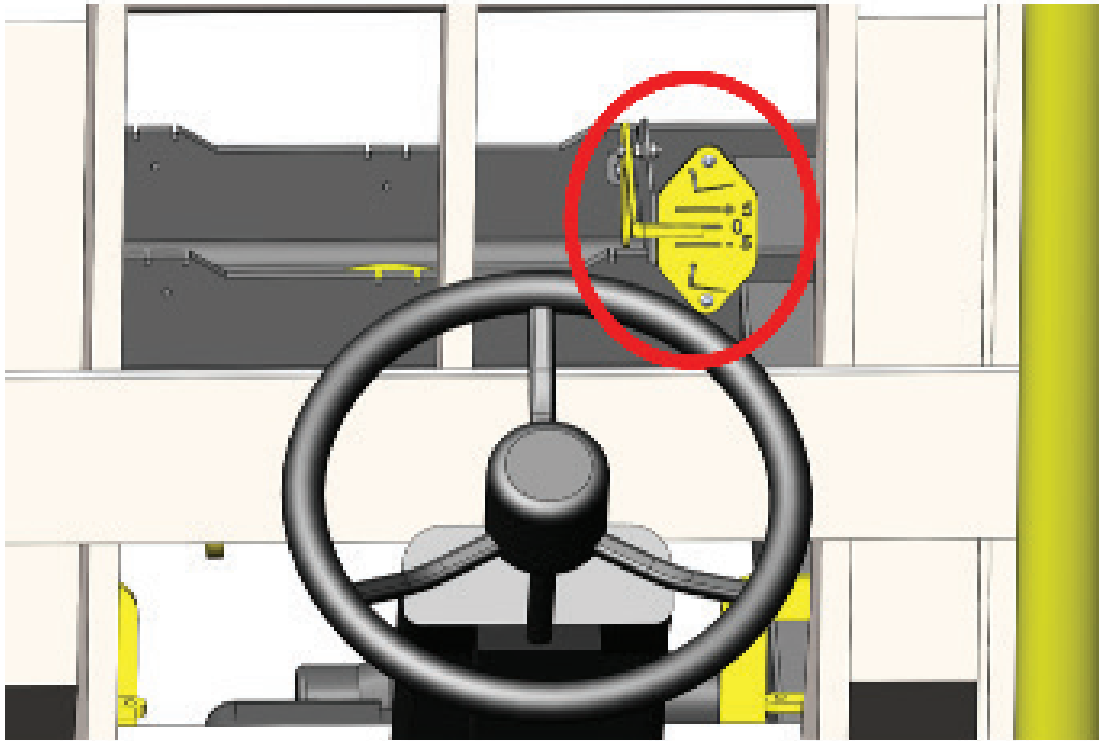
Step 3. Lift upwards

Lift the forks upwards until the sweeper is about to be lifted off the ground. Now lower the forks back downwards about 4" (about the height of the fork pockets). This is an ideal sweeping position and will provide ample suspension travel in both directions.



Step 4. Adjust Level of Attachment

With the sweeper in a sweeping position view the level indicator to see the angle the forks are at. The angle of the forks is exactly the angle of the magnet (with respect to the ground). You will have the best results when operating the attachment at 0 degrees (parallel to the ground). You should be always within +/- 5 degrees, which is shown on the level indicator that was previously attached.



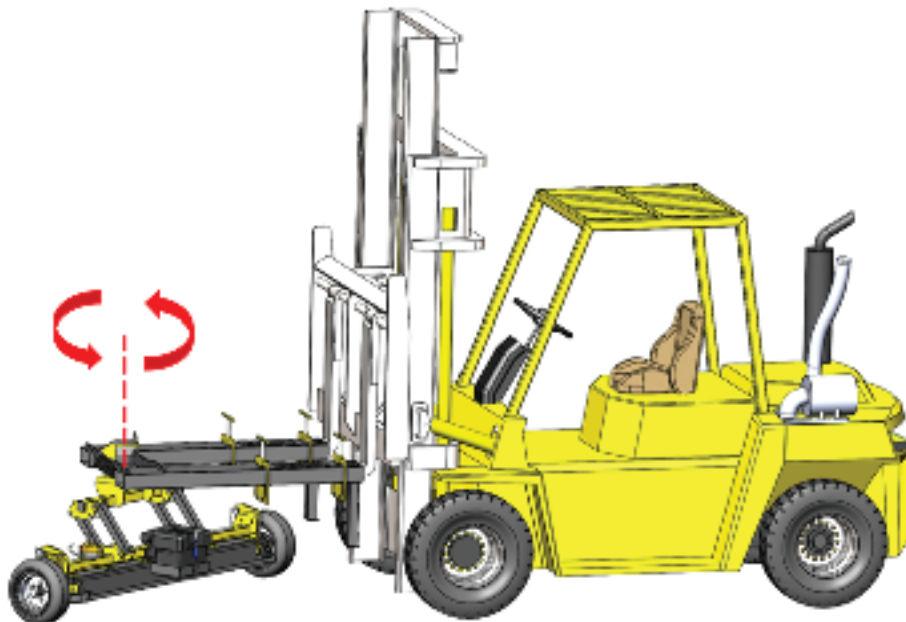
Note: It is best to adjust the level of the forks when stationary. The level indicator is sensitive to bumps and rough terrain, which can give an incorrect indication of the true level of the forks. The indicator arm itself will move around during sweeping, however this is a normal part of operation.

Step 5. Pick Up metal Debris

Drive around and collect metal debris. The sweeper will move up and down and follow the contour of the ground that is being swept. The sweeper can travel up and downwards a total of 11". The sweeper can also pivot 360 degrees so there is no need to lift the sweeper when turning.

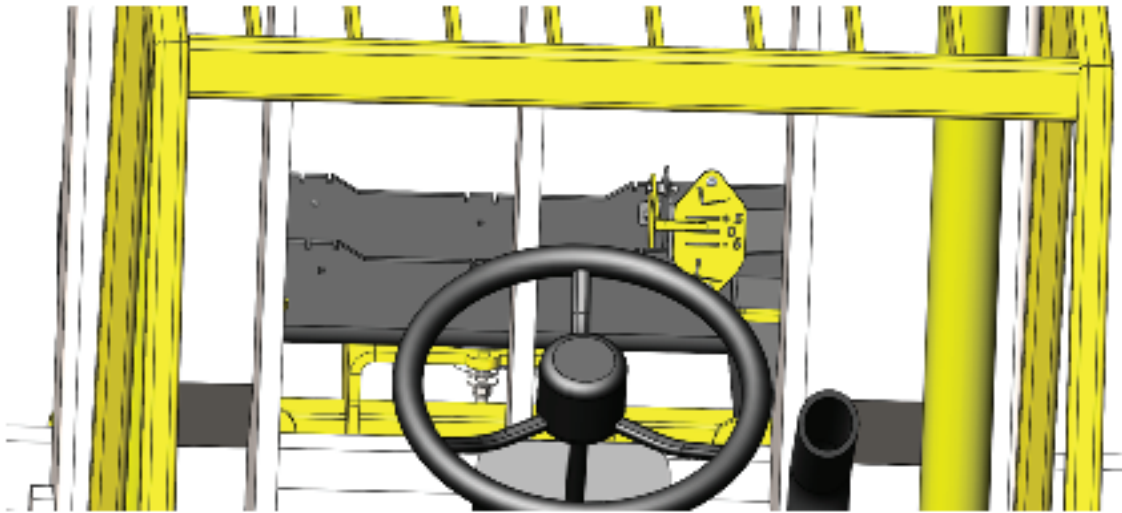


The sweeper can also pivot 360 degrees in any sweep height configuration, so there is no need to lift the sweeper when turning.



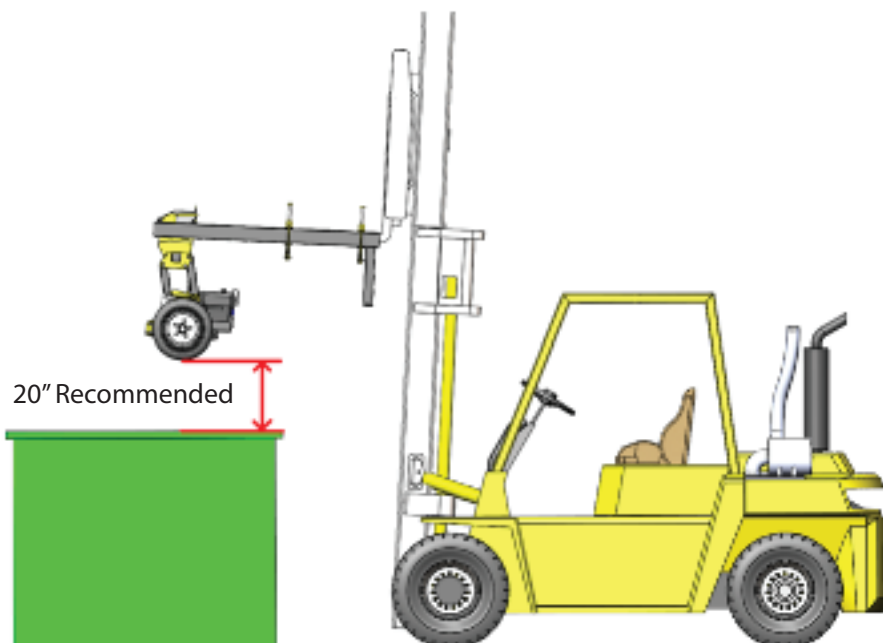
Step 6. Magnet Clean off

Once metal debris has been collected, lift the forks upwards until the sweeper is just off the ground. It is recommended to have the forks tilted backward. Use the level indicator on the sweeper for a rough idea of the tilt (it will be above the 0 mark). Proceed with raising the sweeper fully off the ground.



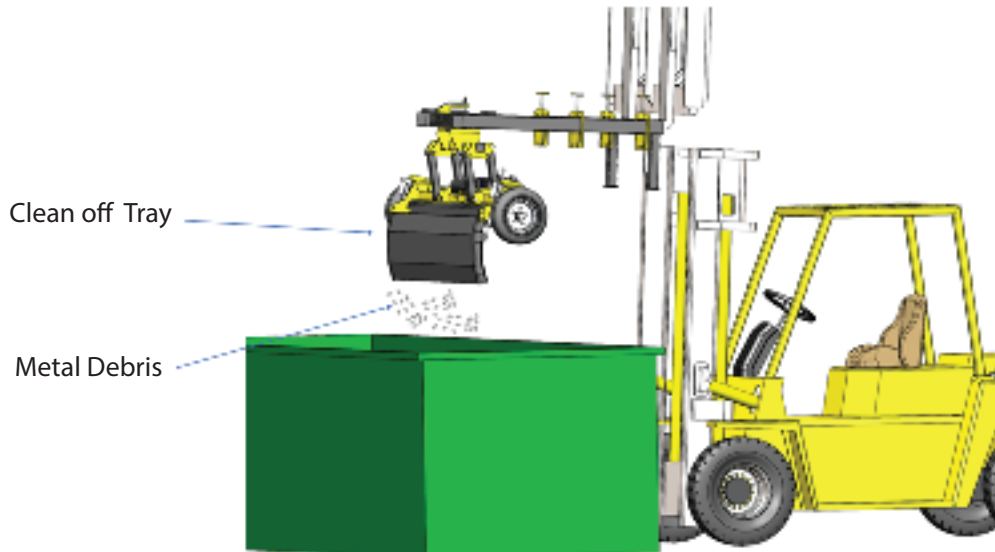
You may drive to a designed clean off area of your choosing, or over a waste bin to perform the clean off. Clean off is done via a wireless remote that can be operated from the cab of the forklift or other prime mover.

Note: When dumping, ensure that that the sweeper is at least 20" above any pile or bin. This prevents collecting more debris, and ensures there is enough clearance for the tray to open.



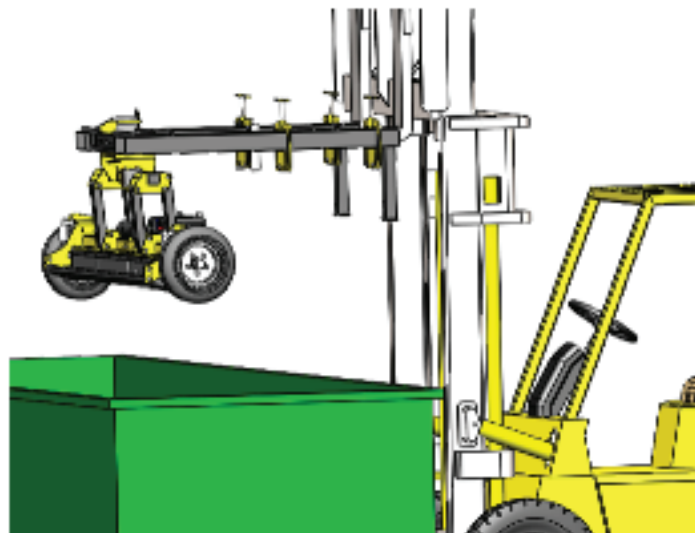
Step 7. Magnet Clean Off (Continued)

Once over a bin or pile, obtain the remote. If the emergency stop is depressed, twist it so that it is in a raised position. Press the green START button once, or until a green LED shows on the remote. Then, press the OFF Button until the linear actuators are fully extended. As the actuators extend, metal debris will be discharged from the magnet.



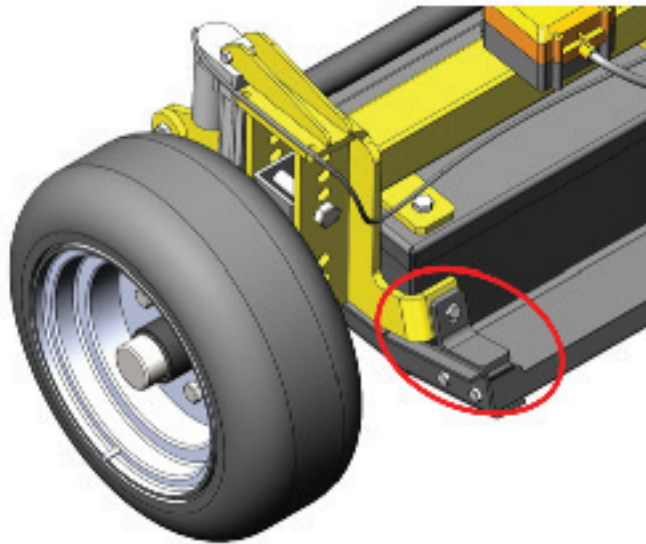
Step 8. Return Tray to Upward Position

To return the stainless-steel tray to a closed, sweeping position, press and hold the ON button until the actuator is fully retracted, and the tray is touching the magnet. You may not be able to hear the tray touch, but you should be able to see when it no longer moves. The debris tray is held up by the pair of linear actuators, and a pair of strong magnets on each side of the tray



Step 8. Return Tray to Upward Position (Continued)

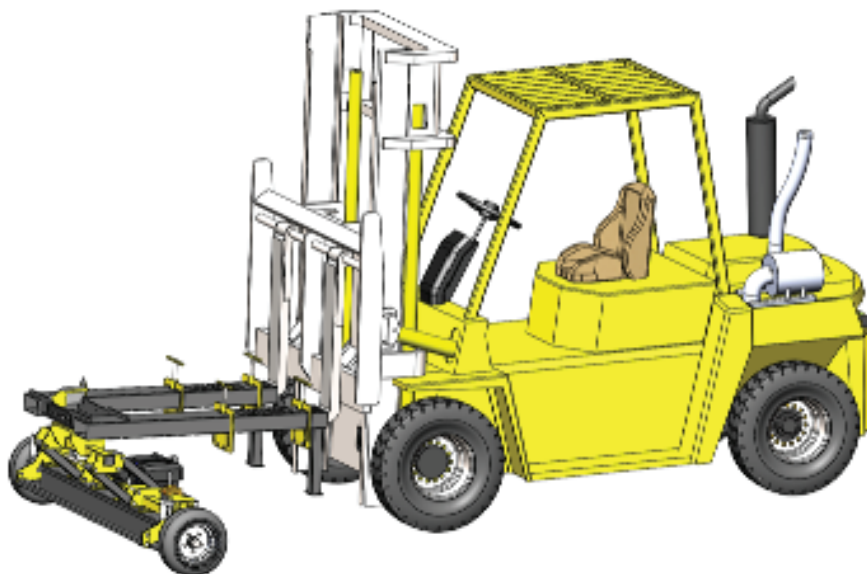
The debris tray is held up mainly by the pair of linear actuators. A pair of strong magnets on each side of the tray (shown circled in red) take some of the stress off the actuators while sweeping. Anytime you cycle the debris tray during a clean off cycle, you may not be able to hear the clean off tray snap back into place, however you should be able to see when it is no longer moving.



Step 9. Continue Sweeping

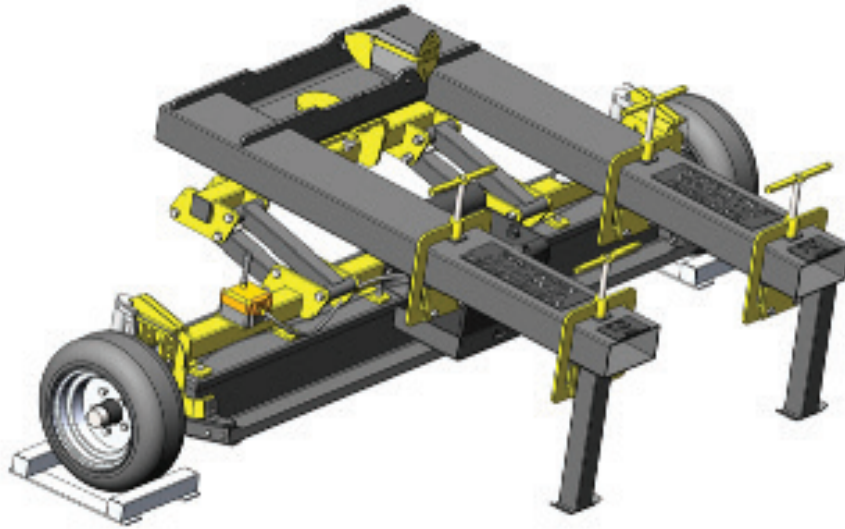
Continue sweeping with the Nova Magnetic Sweeper.

Note: It is recommended that the magnet be cleaned off often. The more debris that is on the magnet, the lower performance it will have. A clean magnet surface will allow you to travel faster with better pickup performance.



Step 10. Parking or Storing the Attachment

The Nova magnetic sweeper features Wheel Chocks that allows it to sit stable when not in use. You can and should use the wheel chocks provided to keep it in place. The parking stands on the rear of the attachment allow you to drive in and out of the fork pockets with ease.



After parking the attachment, check the Voltmeter on the battery box. If it is any lower than 12.4V, it is recommended to hook it up to a 12v charger/maintainer. You may use the positive and negative studs on the exterior of the battery box to charge the battery. If you are not charging the battery during the period of inactivity, it is highly recommended to turn the disconnect switch to the OFF position. You must keep the battery disconnect in an ON position if you are using the exterior terminals for charging.



Maintaining Your Attachment

Before Every Use

- Check that all fasteners (nuts, bolts, pins, etc) are in their right place and are tight.
- Inspect and replace any worn, torn or missing safety decals.
- Charge the battery, or keep it on a trickle charger to maintain battery voltage.

Every Month

- Charge and or swap out the battery as required.
- Inspect the linear actuators for damage (mainly to the chrome surface) and replace as necessary.

Every Year

- Inspect the attachment for any loose or worn parts that may need to be replaced prior to the next season.
- Visually inspect the wheel for heavy wear and stainless-steel tray for damage and replace, as necessary.
- Clean, sand & repaint any area that looks worn or scratched to prevent further rusting. Use an equipment paint found at your local hardware store or building center.
- Replace any stickers that have been lost or damaged.
- Store your attachment in a shed or cover with a water-proof tarp if it is stored outside to protect it from the elements. Store in an area not frequented by children.

Storage Tips

- It is preferred to store the sweeper in a cool dry place. If it is being stored outside, a waterproof tarp is recommended to cover the entire sweeper. Although the parts are painted or powder coated, with use it will get scratched, and chips can occur in the paint. Upon inspection, touch up the bare metal areas to prevent further corrosion and rusting.
- The electronics are housed in a covered (not sealed) battery box. It is recommended to store in a dry place where elements will not affect the main control board.
- Additionally, store the wireless remote in a cool dry place. It should not be exposed to the elements for an extended period.