

VACUUM TANK

OWNER'S MANUAL



Intramet



VACUUM TANK



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Thank you for choosing us! We are thrilled to be a part of your journey and look forward to supporting you along the way!

Please complete this form right after your purchase

Owner: _____

Address: _____

Phone: _____

Purchase Date: _____

Online help



For any question contact your dealer.

Thanks again and enjoy your product

Disclaimer

The driver is responsible for the safe operation of this trailer. For further details keep reading the owner's manual.

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IMPORTANT SAFETY INFORMATION

YOU MUST READ THIS MANUAL and get entirely familiar with all of its operation instructions and safety concerns before attempting to load, unload, or operate this trailer. ALWAYS FOLLOW THESE PRECAUTIONS TO AVOID SERIOUS INJURY OR DEATH:

1. Do not allow unqualified, untrained, or careless personnel to operate the trailer. Do not use the trailer for a purpose for which it was not intended.
2. Each person at the user's facility who may be involved with installing, operating, servicing, inspecting, maintaining, or repairing the trailer must read the complete operating instructions and carefully study and understand the safety instructions. All actual and potential operators should confirm their having done so in writing.
3. The trailer must be serviced and maintained only by authorized knowledgeable personnel for safe operation of the trailer. Only the manufacturer or authorized technicians should carry out more than minor repairs.
4. Do not allow anyone who is not physically fit or mentally alert near the trailer or its operating area. Be constantly alert to possible hazards on or around the trailer.
5. Keep a safe distance at all times from any moving parts.
6. When unloading the trailer:
 - a) Long hair must be protected by headgear.
 - b) Do not wear loose apparel such as ties, scarves, etc.
 - c) Remove all wristwatches and jewelry.
 - d) Wear only approved industrial grade eye protection or a face guard to protect against flying debris.
7. Do not allow tools or other loose objects to be placed on top of or around the trailer.
8. At the very first sign of any problem and before attempting any troubleshooting or maintenance, the trailer must be stopped.
9. Safety features must not be removed, dismantled, altered, put out of operation or relocated. All guards and safety devices are to be re-fitted and in place after changeovers, servicing, or making repairs and before the trailer is used. All safety devices must be checked at regular intervals for correct operation.
10. Do not remove safety signs or warning decals from the trailer. Product safety signs should be periodically inspected and cleaned as necessary. Product safety signs should be replaced when they are no longer legible at a normal viewing distance. Replacements are available from INTRAMET (INGENIERIA EN TRANSFORMACIONES METALICAS S.A DE C.V).
11. Follow all workplace safety and accident prevention regulations applicable to the operation of the trailer. Comply with local, state, and/or federal environment regulations, including those governing airborne dust particles.
12. Designate a person to be responsible at any given time for installation, commissioning, operating and repair of the trailer so the responsibility for safety will not be lost.
13. The trailer has been designed and built with original INTRAMET (INGENIERIA EN TRANSFORMACIONES METALICAS S.A DE C.V) parts only. Only original INTRAMET parts must be used for maintenance or repair. Use of other parts will void your warranty.
14. Do not perform modifications to or reconstruction of the trailer without first getting written approval from INTRAMET.
15. The cleanliness and tidiness of the trailer and its surrounding area must be ensured through appropriate instructions, routine inspections, and cleaning.



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INSPECTION, SERVICE AND MAINTENANCE

DAILY INSPECTION

It is important that your trailer be inspected and serviced on a regular basis to keep it in safe and in a functional condition. Regular maintenance will also save you money in costly repairs over time. A daily inspection of the following items should be performed before using the Vacuum Tank:

Trailer

- Hopper
- Kingpin area
- Fifth wheel plate
- Framework
- Bolts and fasteners
- Ladder
- Mud flaps
- Baffle wingnuts
- Flange bolts
- Ball Valves

Suspension & axles

- Axle alignment
- Hub oil level
- Brake adjustments
- Brake pad thickness
- Wheels
- Tires

PAINT CARE & CORROSION PREVENTION

Your INTRAMET trailer is painted with a 4-step painting process. This paint is designed to provide longer-lasting corrosion resistance as well as a higher quality finish. Washing your trailer on a regular basis is the greatest method to protect the finish and help prevent corrosion, especially if it has been exposed to road salt or other ice, road oil or tar, or any other potentially corrosive element. Transporting corrosive materials such as salts and fertilizers will void the paint warranty.

Normal use can result in minor nicks or chips in the paint. Repair any chips or scratches in the finish with matching touch-up paint. This is especially crucial for carbon steel trailers since even small sections of bare metal can quickly rust. The expense of mending any chips is the owner's obligation.



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PREVENTATIVE MAINTENANCE

We recommend that you follow the general preventative maintenance schedule below. The intervals given are for nominal operating conditions; service more frequently if the trailer is used in an overly humid or dusty condition.

After the first 50 miles

- Check torque of cap nuts or flange nuts on each wheel

After the first 1,000 miles

- Check torque of suspension hardware
- Check alignment of suspension

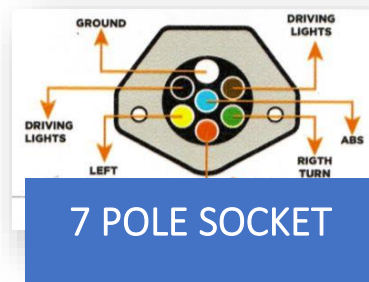
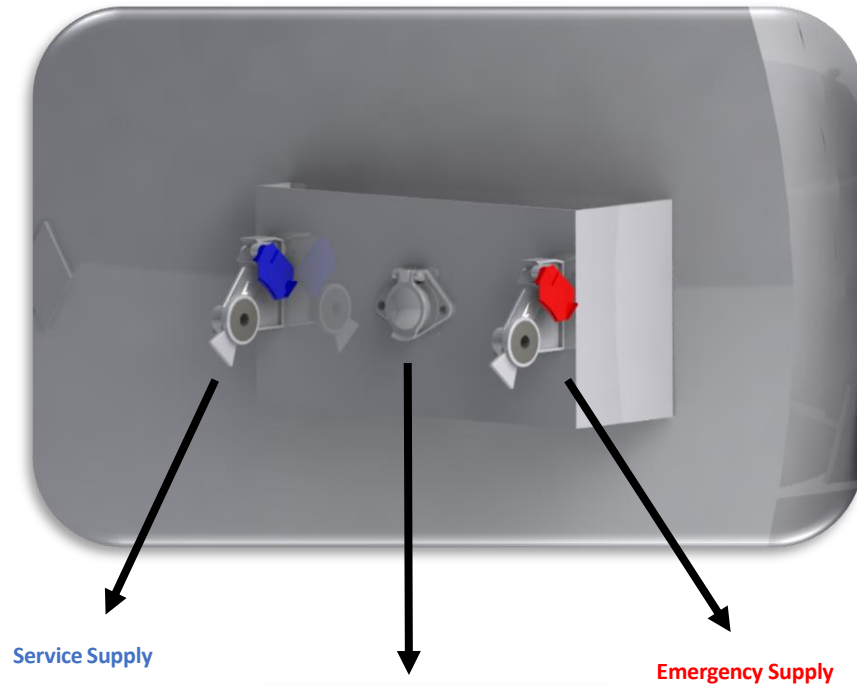
Every 5,000 miles or once a month (whichever comes first)

- Wash trailer thoroughly with a mild detergent and water
- Check general structural condition for corrosion or cracks
- Inspect kingpin area
- Check clearances and torque of air-ride suspension system
- Visually check alignment of suspension
- Check condition of lights
- Check wiring harness for cracking or chafing
- Check hydraulic and pneumatic lines for signs of leakage or wear
- Check hinges on rear door(s) for signs of damage
- Lubricate hinges, latches, and bearings (if applicable) on rear door(s)
- Inspect brake components for proper adjustment and for any sign of damage
- Check tires for excessive wear and proper inflation
- Check wheel nuts for proper torque
- Check wheel seals for leaks
- Check level of oil in axles
- Check conveyor system for excessive wear or damage
- Check condition of tarp system, if installed
- Check condition and security of mud flaps

Fifth wheel area inspection

The fifth wheel area must be kept clean and free of dirt and foreign materials. This includes the area between the kingpin plate and the body of the trailer where the conveyor travel. Build of materials can cause binding or other serious damage if allowed to remain in this area.

FRONT TRAILER CONNECTORS



The 7-pole socket is a standard plug on all trailers. This connector is used to feed every light of the trailer such as the side marker lights, tail lights, brake lights and the ABS valve for the brake system.

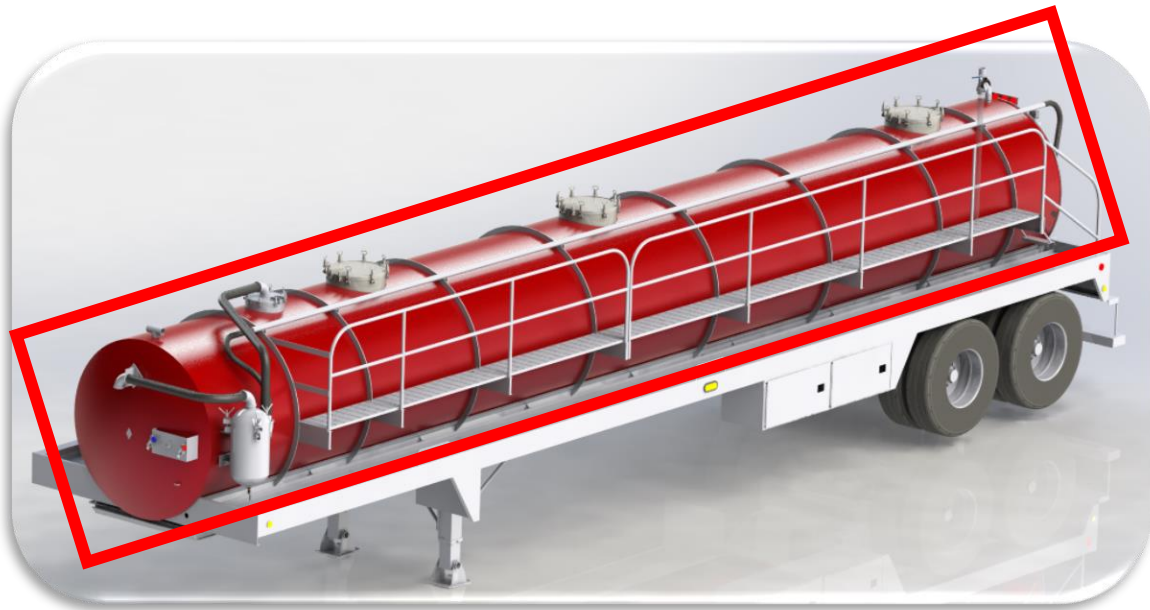


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SPECS

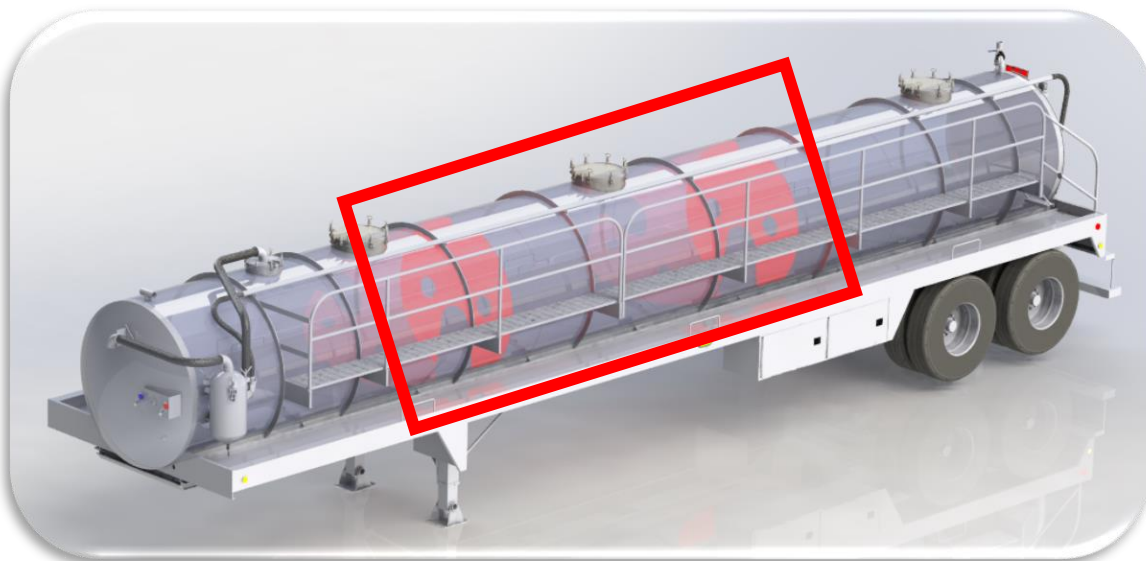
BODY

Vacuum Tank (INTRAMET) is a 130-barrel (BBL) storage tank with a body made of 1/4-inch-thick mild steel. The interior of the tank is coated with Nova Plate for protection and corrosion resistance. It is suitable for storing or transporting liquids.



BAFFLES

The main function is to reduce the movement of the transported liquid, this gives greater security in its operation since by establishing 3 areas where the material is distributed, it reduces sudden movements when moving.



MANWAYS

Manways allow customers access to the interior of a pressure vessel or storage tank for cleaning and maintenance purposes. Manways are also referred to access ports, handholes, and hatches.



LANDING GEAR 2 SPEED

Two-Speed Landing Gear offer greater ease of use and capacity than either single-speed or drop leg landing gear. High gear is used to move the leg up or down when not under load at a higher speed with less turns of the crank handle. Low gear offers significantly more lift capacity but requires more turns of the crank handle to raise or lower the leg.





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