



FANOTECH ENVIRO INC.

F374 Rear End Loader, Two-Stream



Exclusive Features of Fanotech F374 Two-Stream Rear End Loader

The Fanotech F374 two-compartment rear loader has all the enduring features of our F370 standard rear loader with the added capability to collect two separate commodities. Because each body compartment has its own tailgate and ejector, each compartment can be off-loaded independent of the other at the same location or at different locations.

- Two-compartment vertically split body with **separate tailgate** for each compartment.
- No cross contamination** between compartments or tailgates.
- Body split ratio available from 50/50 to 85/15**
- Body is 4" wider than single stream body therefore total capacity is the same.**
- Hopper is also wider providing the same combined volume as the single stream unit.**
- Hopper swept area, 3.7 cubic yards**, largest in the industry! (Total both tailgates)
- Separate ejector** mechanism with telescopic cylinder for each compartment.
- Moving floor option also available** in lieu of ejector, in one or both compartments.
- Semi Elliptical body shape. Flex Body design.** Curved body surfaces including floor to maximize strength, and minimize weight. **High volume with lowest body weight.**
- Packer structure made exclusively of **High Strength, Wear Resistant** materials up to 190,000 yield – 450 Brinell Hardness
- Balanced weight distribution** for legal axles weight loading.
- Quick cycle time** of 29 – 33 seconds (combined cycle) means high productivity
- Easy Lube System.** All grease points reachable from the ground and/or outside of the hopper.
- Tailgate trackless packing mechanism** with high efficiency pivoted joints on sealed spherical bearings and heavy-duty rubber trunnions.
- " A" Arm Assembly Packing Mechanism**, fully adjustable, mounted on rubber trunnions, no lubrication required. Prevents side loading and eliminates friction and wear.
- Long Life Hydraulic Cylinders**, simply bullet proof.
- Spherical bearings** protected by heavy-duty shaft seals to ensure grease retention under all conditions for extended lube intervals & bearing life.
- No roof mounted lines.** All hydraulic and electrical lines are installed inside the left side body skirt protected from the elements.
- Automatic tailgate lock and unlock.** Super safe and adjustable.
- Designed for **Long life and low maintenance.**

Available in 25 and 31 Cubic yard body configurations.

Material Specifications

Body:

Floor: 3/16 High Strength Wear Resistant 95,000 yield.

Sides and Roof: Front Section, 10 Ga. High Strength Wear Resistant 95,000 yield
Rear Section, 3mm **Hardox** AR-500.

Ejector:

Curved front sheet 10 Ga AR450.

Guide track is heavy duty with integral 3 1/2" **Hardox** AR-450 anti-wear bar.

(Also available with Chromium-Carbide anti-wear material)

Guide shoes with integral anti-wear slider pads. **Hardox** AR-450

(Also available with Chromium-Carbide anti-wear material)

Tailgate:

Sides: Front Section: 1/4" **Hardox** AR450.

Rear Section: 3/16 **Hardox** AR-450.

Hopper Bottom: Front Section 1/4" **Hardox** AR-450.

Rear Section 3/16" **Hardox** AR-450.

Packer Blade: 1/4" **Hardox** AR450 with 1/2 x 3 1/2" blade tip.

Packer Slide Shield: 3mm **Hardox** AR450.

Hydraulic System

Pump: Heavy Duty Gear pump. Standard installation is transmission PTO mount with enclosed PTO shaft. (No exposed PTO shaft.) Operating range 800-1,000 RPM. (Front mount pump installation also available if chassis equipped for same)

Front Control Valve: With non-adjustable main pressure relief. Set at 2200 PSI. Ejector control section is equipped with relief unloading cartridge for uniform load density.

Rear control valve: Adjustable main relief. Pack and sweep cylinder control sections equipped with kick out feature & Regen Valve to reduce cycle time.

Cylinders: Heavy duty manufactured for severe service applications with internal gland design. Chromed rods, induction hardened to 55 Rockwell .065 deep and protected with 2 mil hard chrome. High quality two-piece rod Seals: One high pressure and one buffer seal. Hi-tech rod wiper. Aluminum piston for better heat dispersion and anti-wear qualities. Long life piston seals; high quality bi-directional low friction. All cylinders are equipped with spherical self aligning bearings at each pivot point to prevent side loading and to extend service life of pivot pins and bushings. Cushioned ends to prevent bottoming (packing and sweep cylinders only).

Tank: 55 gallon capacity. Tank can be mounted inside body front or outside under body left side front.

Tank mounted 100 gpm, 10 micron return filter.

Externally mounted suction line strainer, 100 mesh 100 gpm, with integral shut off and magnetic trap.

Element can be cleaned or changed without draining oil from tank.

Non-vented filler cap and 10 micron spin on breather filter element.

Hydraulic Lines: Steel lines rubber mounted, 5,000 PSI minimum working pressure. Hose assemblies' Parker Eliminator for maximum working pressure. Nylon guard hose protection.

All lines to the rear of the body are enclosed in the left side lower body skirt. ***There are no hydraulic or electrical lines on the roof of the body.***

Controls

Single lever controls for each ejector and tailgate, located on front left side of body.

Outside throttle control, mounted on front left side of body.
Dual lever control for both packing mechanism located on right side of tailgate. (Curb Side)
Cab mounted control box with pump (on/off) control, indicator lights for pump on and tailgate ajar. Toggle switches for optional equipment and operator signal alarm.

Electrical System

Sealed lockable electrical panel at front of body containing all connections and relays for packer control and body lighting.

Sealed electrical junction box inside tailgate (top)

All electrical lines are routed to the rear of the body inside of the left side lower body skirt, protecting them from the elements.

In cab control box complete with individual circuit breakers, control switches and warning lights.

All premium LED body lighting.

Top mounted rear lights, 2 each side, stop, turn and tail.

Bottom of hopper rear lights, one each side, stop, turn, tail and back up.

Mid body marker/signal lights.

Miscellaneous Equipment

Sealed Tailgate 28" up each side.

Automatic tailgate locks-fully adjustable.

Adjustable side mounted rear steps.

Splash guard behind rear wheels.

Mud flaps in front of rear wheels.

Body inspection side door.

Broom and shovel holder.

18" x 18" x 36" Frame mounted steel tool box. (Space permitting)

Safety Equipment

Pump deactivation when body inspection door is opened.

Steps and grab handles to enter body front.

Grab handles on each side of tailgate.

Tailgate ajar warning buzzer.

Audible backup alarm.

Automatic tailgate locking mechanism.

Driver signal buzzer on right side of tailgate.

Conspicuity reflective tape.

Packer blade anti-splash rubber flap.

Mounting

Dual Spring body hold down. Two on each side of body.

Rear Mount, rigid to chassis frame.

Finish prior to Installation

Sandblasting and cleaning of entire body.

Two coats of epoxy primer.

Two finish coats of Sherwin Williams Genesis Acrylic Urethane.

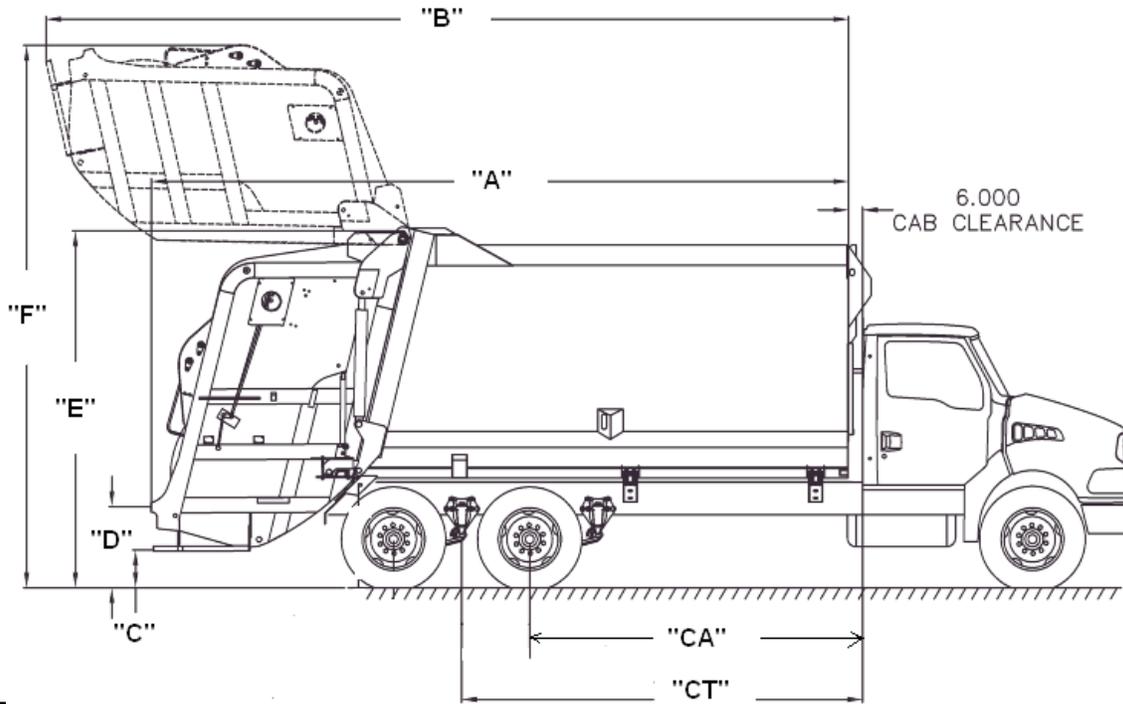
Warranty

1-Year Standard Complete Unit

3-Years Structural Integrity Body & Tailgate

3-Years Cylinders (Except Telescopic) & Hydraulic System

Note: Parts and components not manufactured by Fanotech will be subject to the original manufactures warranty coverage. Optional equipment such as cameras scales etc. will be subject to the original manufactures warranty coverage. Other items not covered by standard warranty include; custom features, steps, winches and winch cables switches and lights.



	1574	25	31
CT	Back of cab to centre of tandem	159"	200"
A	Overall length, body and tailgate. Tailgate closed	277"	317"
B	Overall length, body and tailgate. Tailgate open	318"	358"
C	Riding platform to ground	14"-18"	14"-18"
D	Top of hopper loading sill to ground	6½" below chassis frame	6½" below chassis frame
E	Ground to top of tailgate...Closed	142"	142"
F	Ground to top of tailgate...Open	215"	215"
	Installed Weight	18,000#	20,000#

The above illustration represents a standard equipped unit with no optional equipment. Some dimensions may differ depending on chassis and cab configuration and unladen frame height. Confirm dimensions with engineering department before finalizing order.

Note: Specifications subject to change without notice