

we follow nature

THE HURRICANE SERIES

TARCO®



INDUSTRIAL / COMMERCIAL / MUNICIPAL LEAF LOADERS

Self-contained trailer mounted vacuum leaf collectors tailored for your seasonal needs.

FEATURES

THE HURRICANE SERIES

The Hurricane Series vacuum leaf loaders, manufactured by Loughberry Mfg. Corp., combines the vacuum assembly, hopper and trailer for efficient collecting of leaves, litter, grass and other road side debris. This high capacity vacuum is used for parks, parking lots, curbs, sidewalks and stadiums. With many options to choose from, this durable, cost-effective equipment is available in two base models and can be tailored with the desired features to fit your operational needs.

All Hurricane Series vacuum leaf loaders are manufactured to the same high Loughberry quality specifications as all our other TARCO® brands. Standard features include: rugged body construction for durability and extended life, heavy duty 6 blade suction impeller curb side pickup, poly dust tarp, operator and equipment built-in safety mechanisms, grip notched power belt drive to protect engine and PTO life and John Deere diesel engine powered to ensure premium performance and reliable local service.

SUCTION HOUSING

The housing is constructed of 10 gauge steel and furnished with ¼" thick replaceable liners. Liners are abrasion resistant steel and are slip in design. A clean-out door is provided in the suction housing with a safety engine shutdown switch.

POWER TRANSMISSION

The 6 blade suction impeller is driven by a grip notched power band thereby protecting the engine and PTO from shock loads imposed on the suction impeller.

DISCHARGE ASSEMBLY

The discharge is constructed of 10 gauge steel. The fan assembly is mounted with a 45° discharge angle.

HOSE FEATURES

Suction Assembly: The heavy duty rubber intake hose is 16" in diameter and 10' long. It has a quick disconnect coupler with an

engine kill switch if not properly connected to the housing. The hose connects to a steel suction nozzle which prevents bending or kinking.

Hydraulic Hose Boom: The standard 2-way overhead boom is equipped with spring support and pendant control to hydraulically raise and lower the boom. The hose is locked to the trailer tongue for transport.

ENGINE

Powered exclusively by a John Deere diesel engine featuring a counter-balanced crank engine shaft for smooth operation and replaceable wet-type cylinder liners which provide excellent heat dissipation. The engine is fully enclosed and mounted on rubber isolators to absorb vibrations. It comes equipped with a battery, secondary radiator screen, 30 gallon fuel tank with sight gauge. All engines meet Tier III emission standards.

HOPPER CONSTRUCTION

The hopper body is constructed of 12 gauge steel, 10 gauge steel floors, side hinged "barn style doors" for unobstructed emptying, screened roof and is available in various cubic yard capacities. A gear driven hydraulic pump operates the upper body double acting hoist. (Hurricane 1000 is a single cylinder, Hurricane 4000 has dual cylinders. All of which are NTEA rated.)

TRAILER FEATURES

The trailer frame is constructed of 4" x 8" hot roll rectangular tube steel. The Hurricane 1000 is furnished with single tired tandem axle radials, rated at 18,000 lbs. The Hurricane 4000 with dual tired tandem axle radials, is rated at 24,000 lbs. Both models include electric brakes with break away actuator, manual crank parking jack, adjustable pintle eye hitch and safety chains. The lighting package includes all required DOT lights with two 7" diameter amber lights mounted in the rear doors and an ICC bumper.



Belt Drive

The Hurricane Series is available with either 4B or 5V power bands. Sheaves and bands are completely enclosed for safety. Hurricane Series leaf loaders are exclusively belt driven for years of safe and reliable service.



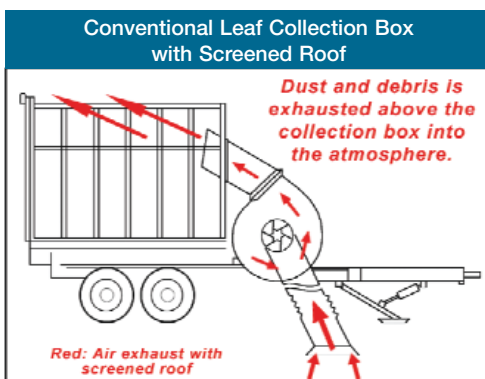
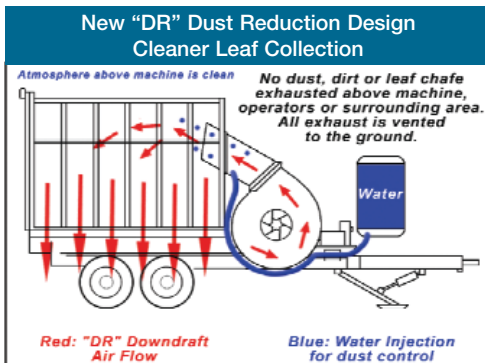
John Deere Diesel Engine

The Hurricane Series is equipped exclusively using John Deere diesel engines. Not only do you experience the quality of John Deere but maintenance and warranty needs can be handled locally.



Engine Control Panels

All controls are rubber mounted. Standard controls include analog tachometer, hour meter, ammeter, oil pressure and temperature gauges and Murphy safety shutdown system. The standard analog control panel (left) or a digital panel (right), dependent on engine size.



"DR" Dust Reduction Design

The Hurricane Series is available with our "DR" designed collection box. This collection box incorporates a down draft air flow versus a screened roof discharge, thus minimizing dust and particulate discharge into the air. Water injection can also be used to suppress airborne dust. This results in a safer work environment and less complaints from residents. Resulting in a "Greener" leaf collecting solution.

Loughberry Mfg. Corp.
manufacturers a variety of:

- Snow and Ice Equipment
- All Season Dump Bodies
- Leaf Loaders

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- Overhead Boom
Manual
Bearing Mounted Hydraulic Boom
4 Way or 6 Way Overhead Hydraulic Boom

- Suction Hose
12", 16", or 18" Diameter 6'-10' Lengths
Urethane UFD Suction Hose

- Fluid Coupler Transmission

- Hydraulic Surge Brakes

- LED/Strobe Trailer Lighting Packages

- Drivers Side Pickup

- Hydraulic Parking Jack

- Dust Reduction Water Injection System

- TARCO® Down Draft Box w/Hydrant Washdown System

- "DR" Collection Bags

- Special Paint

- Digital Control Panel (Based on Engine HP)

- John Deere Turbo Diesel
JD 4045T 84 HP @ 2500 rpm*
JD 4045T 150 115 HP @ 2500 rpm**
Other engine manufacturers available upon request.

* Hurricane 1000 only.
** Hurricane 4000 only.

See the back of this brochure for Specifications.

THE HURRICANE SERIES

SPECIFICATIONS

Model	Hurricane 1000	Hurricane 4000
Box Capacities	14 or 17 Cubic Yards	20, 25 or 30 Cubic Yards
Suction Housing (10 Gauge)	1/4" Thick A.R. Steel Replaceable Liners	1/4" Thick A.R. Steel Replaceable Liners
Suction Impeller	30" or 33" Diameter Fan T-1 Steel Blades 6 Blades – 3/8" T1 3/16" Convex Back Plate	36" Diameter Fan T-1 Steel Blades 6 Blades – 3/8" T1 3/16" Convex Back Plate
Suction Case Size	47" Diameter 46" High & 14" Wide	56" Diameter 53" High & 16" Wide
Power Transmission	4B Grip Notched Power Band	5V Grip Notched Power Band
Hydraulic Hose Boom	2-Way Standard 4-Way or 6-Way Optional	2-Way Standard 4-Way or 6-Way Optional
Trailer	Single Tire – Dual Axle	Dual Tire – Dual Axle
John Deere Diesel Engine	4045T: 80 HP@ 2500 rpm 4045T: 84 HP@ 2500 rpm	4045T: 99 HP @ 2500 rpm 4045T: 115 HP @ 2500 rpm
Hose Size	16" x 10'	16" x 10'
Paint Colors Standard	Yellow or White Special Paint Optional	Yellow or White Special Paint Optional

Other sizes and dimensions are available, please consult with your TARCO® representative.

Brochure cover: Tarco Hurricane 4000 Series vacuum leaf loader with John Deere diesel engine and 25 cubic yard hopper.

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