

we follow nature

THE HURRICANE SERIES

TARCO®



HURRICANE 
SERIES



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 roadside 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 7 gauge and 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 with a 3/16" thick AR steel, replaceable liner. The fan assembly is mounted with a 45° discharge angle.

HOSE FEATURES

Suction Assembly: The heavy duty rubber intake hose is 16" in diameter, 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. The hose is secured to the trailer tongue for transport.

Hydraulic Hose Booms:

- The standard 2-way boom assembly, with spring support, pendant control is hydraulically operated to raise and lower the boom. Operator manually swings hose in/out.
- The optional 4-way boom assembly with chain support, joy stick control is hydraulically operated to raise/lower the boom and swing the boom in/out.
- The optional 6-way boom assembly, joy stick control is hydraulically operated to raise/lower the boom, swing the boom in/out and nozzle articulation up/down.

ENGINE

Powered exclusively by a John Deere diesel engine featuring a counter-balanced crankshaft 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 hopper body double acting hoist, which is NTEA rated.

TRAILER FEATURES

The trailer frame is constructed of 4" x 8" hot roll rectangular tube steel. All Hurricanes are furnished with dual tire tandem axles, 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 exclusively belt driven by a 5V grip notched power band belt. The sheaves and belt are completely enclosed for safety. The belt guard features a safety shut down system when the guard is opened and can be easily opened, tipped up for service and maintenance.



Collection Box Hoist

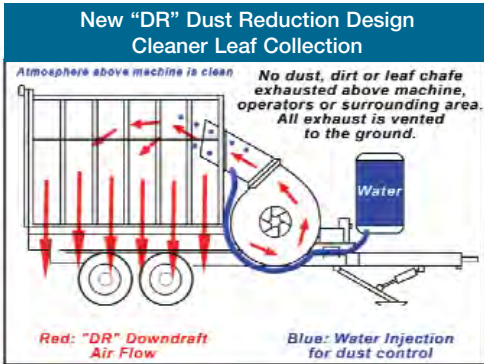
The Hurricane Series is equipped with a heavy duty underbody hoist which allows for a superior dump angle. The collection box can feature either a double "barn style" hinged doors or a single, top hinged door based on customer preference.



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.

OPTIONS



"DR" Dust Reduction Design

The Hurricane Series is available with our "DR" designed collection box. This collection box incorporates a down draft airflow 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

Visit our website at
www.loughberry.com
or call 518-584-4400
for more information or
to request a brochure.

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- 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
- Single Rear Door – Top Hinged
- Drivers Side Pickup
- Hydraulic Parking Jack
- Dust Reduction "DR" Water Injection System
- TARCO® Down Draft Box w/Hydrant Washdown System
- "DR" Collection Bags
- Special Paint
- John Deere Turbo Diesel
JD 4045T 85 HP @ 2500 rpm*
JD 4045T 115 HP @ 2500 rpm**
Other engine manufacturers available upon request.

* Hurricane 1000 and 4000 with 30"/33" impeller.
** Hurricane 4000 only with 36" impeller.

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 Construction, 1/4" Thick A.R. Steel Replaceable Liners	
Suction Impeller With Options	30" or 33" Diameter Fan T-1 Steel Blades 6 Blades – 3/8" T1 3/16" Convex Back Plate	30", 33" or 36" Diameter Fan T-1 Steel Blades 6 Blades – 3/8" T1 3/16" Convex Back Plate
Suction Case Size 30"/33" Fan John Deere Diesel Engine	47" Diameter, 46" High, 14" Wide 4045T: 80 HP@ 2500 rpm 85 HP Optional	47" Diameter, 46" High, 14" Wide 4045T: 80 HP @ 2500 rpm 85 HP Optional
Suction Case Size 36" Fan John Deere Diesel Engine		56" Diameter, 53" High, 16" Wide 4045T: 99 HP @ 2500 rpm 115 HP Optional
Power Transmission	5V Grip Notched Power Band	
Hydraulic Hose Boom	2-Way Standard 4-Way or 6-Way Optional	
Trailer	Dual Tire – Dual Axle 18,000 lb Axle Rating	Dual Tire – Dual Axle 20 cyd - 20,000 lb 25/30 cyd - 24,000 lb
Hose Size	16" Diameter	
Paint Colors	Yellow or White Standard / 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 DR hopper.

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LOUGHBERRY MFG. CORP.

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249 Excelsior Avenue
Saratoga Springs, New York 12866
phone: 518-584-4400 fax: 518-584-6630
email: info@loughberry.com
www.loughberry.com

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