

SPECIFICATIONS		THE HURRICANE SERIES	
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	1/4" Thick A.R. Steel	
	Replaceable Liners	Replaceable Liners	
Suction Impeller	30" or 33" Diameter Fan	36" Diameter Fan	
	T-1 Steel Blades	T-1 Steel Blades	
	6 Blades – 3/8" T1	6 Blades – 3/8" T1	
	3/16" Convex Back Plate	3/16" Convex Back Plate	
Suction Case Size	30" or 33" Impeller	36" Impeller	
	47" Diameter x 46" High & 14" Wide	56" Diameter x 53" High & 16" Wide	
Power Transmission	5V Grip Notched Power Band	5V Grip Notched Power Band	
Hydraulic Hose Boom	2-Way (Standard)	2-Way (Standard)	
	4-Way (Optional)	4-Way (Optional)	
Trailer	Dual Tire – Tandem Axle	Dual Tire – Tandem Axle	
John Deere Diesel Engine	4045T: 80 HP@ 2500 rpm	4045T: 99 HP @ 2500 rpm	
	4045T: 85 HP@ 2500 rpm	4045T: 115 HP @ 2500 rpm	
Hose Size	16" x 10'	16" x 10'	
Paint Colors	Yellow or White (Standard)	Yellow or White (Standard)	
	Special Paint (Optional)	Special Paint (Optional)	
Other sizes and dimensions are available, please consult with your TARCO® representative.			
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LEAF LOADERS



FORT MILLER

FAB3

HURRICANE

SERIES

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

THE HURRICANE SERIES

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THE HURRICANE SERIES LEAF LOADER

The Hurricane Series® vacuum leaf loaders, manufactured by Fort Miller FAB3 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.

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. The backing plate and cover plate are constructed from 7 gauge steel. A clean-out door is provided in the suction housing with a safety engine shutdown switch.

POWER TRANSMISSION

The six (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 and equipped with a replaceable 3/16" thick, AR steel wear liner. The fan assembly is mounted with a 45° discharge angle.



Belt Drive

The Hurricane Series is equipped with 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.

HOSE FEATURES

Suction Assembly: The heavy duty rubber intake hose is 16" in diameter and 10' long for a 2-way boom and 6' long for the 4-way boom, equipped with a 47" long, mitered steel nozzle.

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 4-way hydraulic boom utilizes a gear driven pump with central hydraulic system. Operator controls the 4-way boom with a remote joystick control to hydraulically move the nozzle up, down, left, right.

The hose is locked to the trailer tongue for transport.



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.

OPTIONS

Manual Overhead Boom
4-Way Hydraulic Boom

Suction Hose
18" Diameter
Urethane UFD Suction Hose

Fluid Coupler Transmission

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*

Tier 4 engines available upon request
Other engine manufacturers available upon request.

* 36" diameter fan application only.



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.

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 Fort Miller FAB3 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.

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.

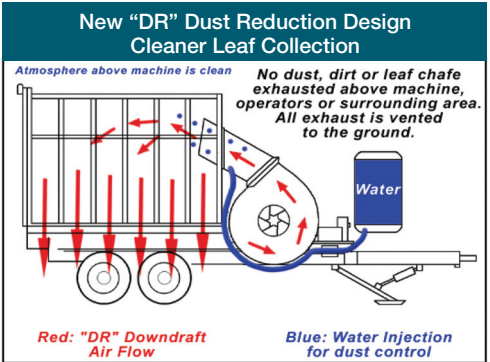
HOPPER CONSTRUCTION

The hopper body is constructed of 10 gauge steel with a 10 gauge steel floor, side hinged "barn style doors" for unobstructed emptying, screened roof and is available in 14, 17, 20, 25 and 30 cubic yard capacities. A gear driven hydraulic pump operates the upper body double acting hoist. (Hurricane 1014, 1017, 4020 is a single cylinder, Hurricane 4025, 4030 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 1014 and 1017 is furnished with dual tired tandem axle radials, both rated at 18,000 lbs. The Hurricane 4020 with dual tired tandem axle radials, is rated at 20,000 lbs and the Hurricane 4025, 4030 are equipped with dual tired tandem axle radials, both rated at 24,000 lbs. All models include electric brakes with breakaway 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.



"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.

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

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