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THE WINDY SERIES

TARCO[®]



WINDY 
SERIES



INDUSTRIAL / COMMERCIAL / MUNICIPAL LEAF LOADERS

Trailer mounted vacuum leaf loaders outfitted for your seasonal needs.

The Windy Series® vacuum leaf loaders, manufactured by Loughberry Mfg. Corp., are trailer mounted vacuums designed to efficiently collect leaves, litter, grass and other roadside debris from 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 Windy 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, 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 shutdown switch.

POWER TRANSMISSION

The T-1 steel constructed 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 mounted in the center of the trailer for efficient loading. The assembly is 16" in diameter with a 45° or 90° discharge angle.

HOSE FEATURES

Suction Assembly: The heavy duty rubber intake hose is 16" diameter, has a quick disconnect coupler and an engine kill switch if not properly connected to the housing. The hose connects to a steel suction nozzle, which prevents bending or kinking.



Belt Drive

The Windy Series is exclusively belt driven. The belt is either 4B or 5V grip notched power band. 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.

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



Hydraulic Hose Boom

The Windy Series offers various selections of hydraulic hose booms to fit customers needs. The standard 2-way electric over hydraulic hose boom can be upgraded to the more maneuverable 4-way boom or the precision 6-way boom.

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.

Engine Controls: All controls are rubber mounted. The standard offering includes tachometer, hour meter, ammeter, oil pressure and temperature gauges and Murphy safety shutdown system.

TRAILER FEATURES

Formed from ¼" thick steel plate and supported by structural channel cross members. The axle and springs capacity is rated at 6,000 lbs. fitted with radial tires, electric brakes with break away actuator, telescopic tow bar and height adjustable manual crank parking jack with castor wheel, pintle hitch and safety chains. The lighting package includes all required DOT lights, red/white reflective tape and two 4" diameter amber flashing lights, rear mounted.



Suction Shroud

The Windy Series offers in place of a hydraulic hose boom a fully adjustable suction shroud. The optional suction shroud can be easily adjust in height, suction width, rotate and easily store to the drawbar for transport.

OPTIONS



Leaf Box

Leaf boxes are optional and available in various capacities (8 feet long / 9.3 cubic yards through 14 feet /16.5 cubic yards). Package systems are available upon request.



Engine Control Panels

The Windy Series Leaf Loaders are equipped with an analog control panel (left) or a digital control panel (right), dependent on engine size.

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 and 6-Way Boom

• Suction Hose
18" Heavy Duty
16" Hi-Flex Clear Urethane

• Nozzles
Detachable Shroud Hose Nozzle
(4-way boom only)
36" Wide Full Swiveling Curb Nozzle
36" Wide Full Swiveling Curb Nozzle
w/Pavement Plucker

• Skid or Hook Lift Mount

• Fluid Coupler Transmission

• Hydraulic Surge Brakes

• Spare Wheel and Tire Mounted

• LED/Strobe Trailer Lighting Packages

• Drivers Side Pickup

• Hydraulic Parking Jack

• Ball Hitch

• Special Paint

• Leaf Box (Sold Separately or as Package)

• Wireless Remote (4-Way and 6-Way Boom)

• John Deere Turbo Diesel
JD 4045T 85 HP @ 2500 rpm*
JD 4045T 115 HP @ 2500 rpm**
Other engine manufacturers available upon request.

* Windy 100 only. Meets Tier III emissions standards.
** Windy 400 only.

See the back of this brochure for Specifications.

THE WINDY SERIES

SPECIFICATIONS

Model	Windy 100	Windy 400
Air Handling Capacity	16,000 - 22,000 CFM	24,600 CFM
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 Construction 6 Blades – 3/8" T1 3/16" Convex Back Plate	36" Diameter Fan T-1 Steel Construction 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 Optional 6-Way Optional	2-Way Standard 4-Way Optional 6-Way Optional
Trailer Lighting Package	Standard	Standard
John Deere Diesel Engine	4045T: 80 HP @ 2500 rpm 85 HP Optional	4045T: 99 HP @ 2500 rpm 115 HP Optional
Hose Size	2-Way Boom: 16" x 10' 4-Way Boom: 16" x 8' 6-Way Boom: 16" x 10'	2-Way Boom: 16" x 10' 4-Way Boom: 16" x 8' 6-Way Boom: 16" x 10'
Paint Colors	Yellow or White Standard Special Paint Optional	Yellow or White Standard Special Paint Optional

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

Brochure cover: TARCO® Windy 400 trailer mounted vacuum leaf loader with John Deere diesel engine and detachable hose nozzle.

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LOUGHBERRY MFG. CORP.

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