

SPECIFICATIONS

THE WINDY SERIES

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	2-Way (Standard) 4-Way
Trailer Lighting Package	Standard	Standard
John Deere Diesel Engine	4045T: 80 HP @ 2500 rpm	4045T: 99 HP @ 2500 rpm
Hose Size	16" Diameter	16" Diameter
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.

Distributed By:

Manufactured By:



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TARCO®

INDUSTRIAL | COMMERCIAL | MUNICIPAL
LEAF LOADERS



Manufactured by:



WINDY
SERIES

Trailer mounted vacuum leaf loaders
outfitted for your seasonal needs.

THE WINDY SERIES

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THE WINDY SERIES LEAF LOADER

The Windy Series® vacuum leaf loaders, manufactured by TYMETAL, are trailer mounted vacuums designed to efficiently collect leaves, litter, grass and other road side debris from parks, parking lots, curbs, side-walks 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 shut-down switch.

POWER TRANSMISSION

The T-1 steel constructed 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 mounted in the center of the trailer for efficient loading. The assembly is 17" in diameter with a 45° and 90° discharge angle.



Belt Drive)

The Windy Series is available with either 4B or 5V power bands. Sheaves and bands are completely enclosed for safety. Windy Series leaf loaders are exclusively belt driven.

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.

Hydraulic Hose Boom: The standard 2-way overhead boom with spring support, pendant control is hydraulically operated to raise and lower the boom. Equipped with 16" diameter x 10ft long, heavy duty rubber suction hose. 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. Equipped with 16" diameter x 10 ft long, heavy duty rubber suction hose.



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.

OPTIONS

4-Way Hose/Boom Assembly

Suction Hose
8" Heavy Duty
16" Hi-Flex Clear Urethane

Nozzles

36" Wide Full Swiveling
Curb Shroud

36" Wide Full Swiveling Curb
Shroud w/Pavement Plucker

Detachable 36" Curb Nozzle
(4-Way Boom Only)

Hydraulic Parking Jack
(Must Have 4-Way Boom Option)

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)

Discharge Assembly

Drivers Side Pickup
16" x 14" Steel with 45° Angle
17" x 14" Steel with 90° Angle

Digital Control Panel

John Deere Turbo Diesel
JD 4045T 85 HP @ 2500 rpm*
JD 4045T 115 HP @ 2500 rpm**
JD 4045H 125 HP @ 2400 rpm**

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

* Windy 100 only.
Meets Tier III emissions standards.

** Windy 400 only.

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 quality specifications as all our other TARCO® products.

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.

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



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.

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.

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.



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.



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.



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

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