

No Other Machine Can Compare in Quality

LGT600

Belt Driven Vacuum Leaf Collector



Municipal Products
Since 1910

- **John Deere Diesel Engine**
74HP turbo diesel
- **Belt Driven**
prolongs engine and PTO life
- **Forward Locking Hose Boom**
easier and safer transportation
- **Hydraulic Hose Boom**
easier leaf vacuuming



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ODB Company
5118 Glen Alden Drive
Richmond, VA 23231
800-446-9823

Instrument Panel



Hinged instrument panel allows easy access to the instrument wiring. All engine monitoring gauges are backlit for increased visibility.

Hydraulic Hose Boom



Maneuvering the hose boom is almost effortless because the boom is raised and lowered hydraulically using push button style switches and the boom swivels side to on two flange bearings.

Drive Bearings



The drive bearings assembly consists of two heavy-duty four-bolt flange bearings with double row, precision spherical roller bearings. The entire assembly can be removed in one piece by removing eight bolts. This is a major labor and cost savings feature.

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Engine	John Deere 4045T turbo diesel engine; 74 HP; 276 CID. Interim Tier 4.
Air Cleaner	Dry element with pre-cleaner.
Radiator	Pressurized, heavy duty with 6-blade fan.
Radiator Screen	Constructed of 1/2" expanded flattened steel with steel mesh. Screen is bottom hinged to allow for cleaning without powering down the engine.
Engine Controls	Mounted in clear view and reachable with ease inside a hinged instrument panel. All gauges and engine wiring are connected to a state-of-the-art circuit board, with circuit breakers, for easier and more reliable connections. Gauges include: Tachometer, hour meter, voltmeter and oil pressure gauge. All monitoring gauges have backlighting. Automatic safety shutdown for high temperature or low oil pressure.
Engine Sheet Metal	Engine is covered by a custom sheet metal enclosure constructed of 16-gauge steel. The enclosure has front and rear access doors, which are louvered for proper air circulation. Two doors are provided on top of the enclosure for convenient access to the radiator cap and oil fill cap.
PTO	Heavy duty 13" automotive style PTO and clutch with safety engagement system.
Drive Type	4-groove power band.
Trailer	One-piece construction, 1/4" formed steel plate.
Axle	2.5 inch Torflex axle rated at 6,000 pounds with electric brakes.
Tires	ST225-75R15 x 15" 6 ply tubeless type, mounted on steel white spoke rims.
Tow Tongue	Telescoping tongue, adjustable from 48" to 84". Constructed of 3.5" x 5" x 1/4" thick steel tubing.
Parking Jack	Heavy duty top wind jack with steel wheel
Trailer Lighting	Stop and turn signals with turn signal indicators are standard.
Battery Box	Lockable, located below trailer bed. Easily accessible.
Fenders	Constructed of 13 gauge steel.
Impeller	32" diameter with 6 gusseted blades which are constructed of abrasive resistant T-1 steel with a Brinell hardness exceeding 400. The impeller is completely stress relieved via Bonal stress relief technology to eliminate weld cracking and weld distortion for the highest structural integrity possible. This makes for the strongest and longest lasting impeller on the market.
Impeller Shaft	2.25" diameter. Impeller, shaft and bearings are removable in a one piece assembly by removing only eight bolts.
Blower Housing	40 degree style for minimal resistance. Outer housing is constructed of 10 gauge welded steel, front and back plates are 7-gauge steel. Inspection/clean out door is located on face to facilitate convenient inspection of internal contents or condition. A safety kill switch is located on the door to shut down the engine when the door is opened.
Liners	Slip-in style which requires no bolts. Made of 1/4" abrasive resistant steel.
Suction Inlet	Located on curb side.
CFM	19,000
Intake Hose	16" diameter x 120" long. Heavy duty wire reinforced 3/8" thick flexible rubber hose.
Exhaust Duct	Square duct extension of the 40 degree blower housing. Constructed of 12 gauge steel and centered directly over the tongue for a balanced unit.
Exhaust Hose	16" diameter x 48" long heavy-duty wire reinforced 3/8" thick flexible rubber hose is connected to the exhaust duct.
Hose Boom	Hydraulically controlled with an electric operated hydraulic pump. Boom pivots on two 1.5" diameter two-bolt flange bearings for effortless movement. The boom pivots forward to lock into travel position. Hydraulic cylinder is 1.5" diameter, with a minimum stroke length of 12 inches.
Boom Controls	Push button style switch located on the intake hose nozzle.
Intake Nozzle	16" diameter nozzle with handle constructed of 12 gauge steel.
Fuel Tank	40 gallon capacity fuel tank manufactured of 1/4" thick roto-molded polyethylene, located under the trailer bed.
Paint	All metal parts are thoroughly cleaned, primed, painted and dried before assembly. Each part is primed with a rust inhibitor primer and is painted with two coats of automotive quality paint. The parts are then assembled on the unit so that bolts, nuts, cables and grease fittings are not painted.
Options	<ul style="list-style-type: none"> ● Hydraulic parking jack with caster wheel ● Self-cleaning rotary radiator screen ● Remote electric engine throttle with controls on the suction hose handle ● Fluid drive coupler in lieu of clutch and PTO ● 2 axis hydraulic hose boom ● 3 axis hydraulic hose boom ● 84 HP John Deere turbo diesel engine



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