

# XV6000

## Belt Driven Leaf Collector



*The Xtreme choice of professional landscapers and municipalities*



- **John Deere Diesel Engine**  
99HP turbo diesel
- **Belt Driven**  
prolongs engine and PTO life
- **38" Diameter Impeller**  
unsurpassed suction
- **Hydraulic Hose Boom**  
easier leaf vacuuming



\*Equipment may be shown with add on options and colors.

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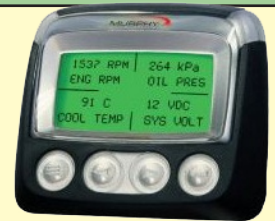
# XV6000 Belt Driven Leaf Collector Basic Specifications

<b>Engine</b>	John Deere 4045T (Tier 3) water cooled turbo diesel engine; 99 HP; 4.5 Liter (276 CID) with wet-sleeve engine liners.
<b>Air Cleaner</b>	Dry element with pre-cleaner.
<b>Radiator</b>	Pressurized, heavy duty. Trash style with 6-blade fan.
<b>Radiator Screen</b>	Constructed of ½" expanded flattened steel with steel mesh. Screen is bottom hinged to allow for cleaning without powering down the engine.
<b>Engine Controls</b>	Mounted in clear view and reachable with ease. Fully electronic controls with the following electronic gauges: Tachometer, hour meter, voltmeter and oil pressure gauge. All monitoring gauges shall be illuminated. Automatic safety shutdown for high temperature or low oil pressure.
<b>Sheet Metal</b>	Engine is covered by a custom sheet metal enclosure with a removable top without tools. The enclosure has front and rear access doors, which are louvered for proper air circulation and twist and turn latches. Two doors are provided on top of the enclosure for convenient access to the radiator cap and oil fill cap.
<b>PTO</b>	Heavy duty 13" automotive style PTO with a 2.25" diameter shaft.
<b>Drive Type</b>	5 -groove power band.
<b>Trailer</b>	One-piece construction, 1/4" formed steel plate.
<b>Axle</b>	3.5 inch rubber Torflex axle rated at 7,200 pounds with electric brakes.
<b>Tires</b>	ST235-85R16 radial tires mounted on steel white spoke rims and EZ lube hubs.
<b>Pintle Hook</b>	Heavy duty pintle eye that is height adjustable without the use of tools.
<b>Tow Tongue</b>	Telescoping tongue, adjustable. Constructed of 4" x 6" steel tubing.
<b>Parking Jack</b>	Heavy duty top wind jack with steel wheel.
<b>Trailer Lighting</b>	LED type stop and turn signals with turn signal indicators. LED amber flashing light in the rear.
<b>Impeller</b>	38" diameter with 6 gusseted blades constructed of 3/8" thick abrasive resistant T-1 steel with a Brinell hardness exceeding 400. Each blade is gusseted on the back side and welded to a 1/4" thick backing plate. Impeller blades are flat with serrated tips for increased wear. Impeller is secured to the shaft via a taper locking bushing. 2-15/16" diameter.
<b>Impeller Bearings</b>	Two 2-15/16" diameter double roller 4 bolt flange type bearings. The bearings have a dynamic load rating of 42,940 lbs and a static load rating of 53,960 lbs. Bearings are mounted on plates that allow them to be removed along with the impeller and shaft by removing only eight bolts.
<b>Impeller Shaft</b>	2-15/16" diameter precision machined steel.
<b>Blower Housing</b>	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.
<b>Liners</b>	Slip-in style which require no bolts. Made of 1/4" abrasive resistant steel.
<b>Suction Inlet</b>	Located on curb side of unit and incorporates quick access via removable rods.
<b>Intake Hose</b>	16" diameter x 120" long. Heavy duty wire reinforced 3/8" thick flexible rubber hose.
<b>Exhaust Duct</b>	Rectangular duct extension of the 40° blower housing. Constructed of 12-gauge steel and centered directly over the tongue for a balanced unit.
<b>Exhaust Hose</b>	16" diameter x 48" long heavy duty wire reinforced 3/8" thick flexible rubber hose.
<b>Hose Boom</b>	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. The hydraulic cylinder is 1.5" in diameter, with a minimum stroke of 12 inches.
<b>Boom Controls</b>	Push button style switch located on the intake hose nozzle.
<b>Intake Nozzle</b>	16" diameter nozzle with handle constructed of 12 gauge steel.
<b>Fuel Tank</b>	44 gallon capacity fuel tank manufactured of 1/4" thick roto-molded polyethylene, located under the trailer bed.
<b>Tool Rack</b>	Rake and tool rack capable of holding 5 tools.
<b>Storage</b>	Storage compartment with twist and turn latch.
<b>Paint</b>	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. Standard color is White.
<b>Options</b>	<ul style="list-style-type: none"> <li>● Hydraulic parking jack with caster wheel</li> <li>● Remote electric engine throttle with controls on the suction hose handle.</li> <li>● Fluid drive coupler in lieu of clutch and PTO.</li> <li>● 2 axis (up/dn &amp; left/right) hydraulic hose boom with central hydraulic system</li> <li>● Custom paint color</li> <li>● Hydraulic curb nozzle attachment in lieu of suction hose</li> <li>● Driver's side pick up.</li> </ul>

\*Specifications subject to change at any time without notice



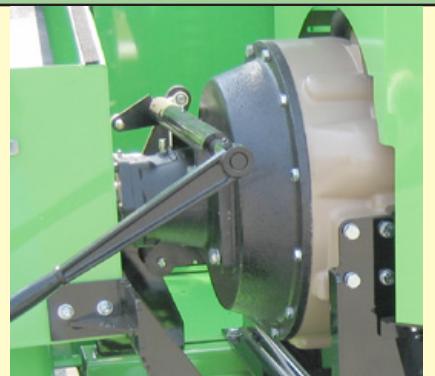
Maneuvering the hose boom is almost effortless because the boom is raised and lowered hydraulically using waterproof switches and the boom swivels side to side on two flange bearings.



Engine controls are connected to Murphy Power-View display system designed to read and indicate engine data, fault codes and stored history. It has a 64 x 128 pixel backlit display for easy viewing of the many standard engine read outs.



The drive bearings assembly consists of two heavy duty four bolt flange bearings with double row, precision spherical roller bearings.



The PTO/Clutch is a heavy duty 13" automotive style assembly.

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