

# XV8027

## Self Contained Belt Driven Leaf Collector



- **Kawasaki Gasoline Engine**  
27HP gasoline
- **Belt Driven**  
prolongs engine and PTO life
- **20" Diameter Impeller**  
incredible power
- **Dumping Box Container**  
10 cubic yard capacity

Unit is shown with the body raised for advertising purposes only, NEVER raise the dump body without the unit being properly attached to the tow vehicle.



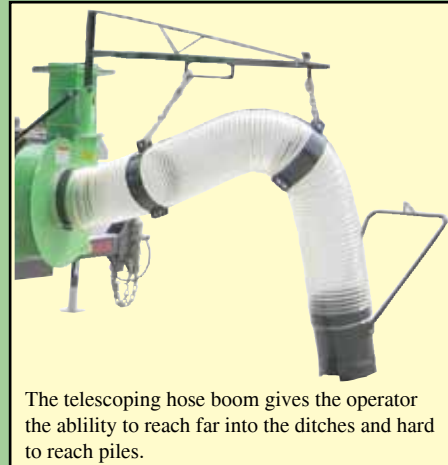
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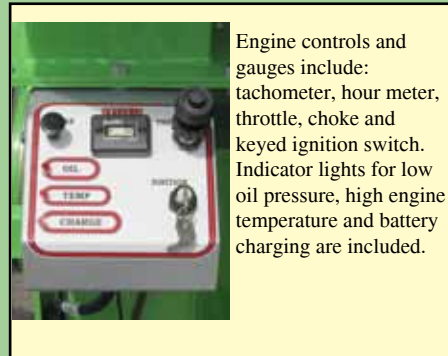
# XV8027 Self Contained Leaf Collector Basic Specifications

<b>Engine</b>	Kawasaki FD7500D 27HP water cooled gasoline engine.
<b>Air Cleaner</b>	Dry element with pre-cleaner.
<b>Radiator</b>	Pressurized, heavy duty.
<b>Radiator Screen</b>	Pull out screen.
<b>Engine Controls</b>	Mounted in clear view and reachable with ease inside a custom instrument panel. Controls and gauges include: throttle, choke, tachometer, hour meter and keyed ignition switch. Also included are indicator lights for battery charging, low oil pressure and high engine temperature.
<b>Drive Type</b>	Belt driven with 3 individual belts.
<b>Trailer Chassis</b>	Heavy duty channel steel, formed and welded. Chassis is constructed of 2" x 6" tubular steel with 1/4" wall thickness.
<b>Dimensions &amp; Wt.</b>	108" wide x 76" wide x 190" long. Empty weight is 4,200 pounds.
<b>Axles</b>	Dual 3.5-inch high speed rubber Torflex towing axles rated at 6,000 pounds each with electric brakes.
<b>Tires</b>	ST225-75R15 radials mounted on steel white spoke rims and EZ lube hubs.
<b>Tow Tongue</b>	Heavy duty 4" x 5" x 1/4" thick wall thickness with pintle eye hitch.
<b>Pintle Hook</b>	Heavy duty pintle eye that is height adjustable without the use of tools
<b>Parking Jack</b>	Heavy duty top wind jack with steel foot.
<b>Trailer Lighting</b>	LED type stop/turn signals as well as clearance light.
<b>Impeller</b>	20" 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. 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.
<b>Impeller Shaft</b>	1-1/2" diameter.
<b>Impeller Bearings</b>	Two 1-1/2" diameter double roller 4 bolt flange type bearings.
<b>Impeller Engagement</b>	Features a manually operated "slip belt" design. Operators have control of engaging/disengaging the impeller conveniently via a handle attached to a newly designed movable engine mount. The engine mount is spring-loaded slide with an over center cam that pulls the engine to the proper belt tension to engage the impeller.
<b>Blower Housing</b>	Outer housing is constructed of 11 gauge welded steel, front and back plates are 11-gauge steel. A safety kill switch is located on the face to shut down the engine if the intake hose is improperly attached.
<b>Liners</b>	Made of 3/16" thick steel and secured by 3/8" carriage bolts.
<b>Suction Inlet</b>	Located on curb side of unit, but unit can easily be remounted to pick up from the street side.
<b>Intake Hose</b>	12" diameter x 120" long. Heavy duty wire reinforced .070" thick flexible urethane hose.
<b>Hose Boom</b>	Telescopic, manual operated hose boom which pivots easily on the boom socket for easy maneuverability.
<b>Hoist Hydraulics</b>	Uses a double acting (power up/power down) electric/hydraulic pump which operates off of a 12-volt battery. The engine does not need to be on when dumping the unit.
<b>Dumping Hoist</b>	Uses a Crysteel scissor style hoist capable of dumping 24,000 pounds for the unit. The hoist dumps at a maximum 52 degrees.
<b>Box Container</b>	10 cubic yard self-dumping container constructed of 12-gauge steel with dual side-hinge doors which can be locked to the side when dumping.
<b>Vented Top Screens</b>	Two easily removable 1/2" expanded steel mesh screens are located on the top of the box container. These screens slide in a channel and bolt in place.
<b>Fuel Tank</b>	8 gallon capacity fuel tank manufactured of 3/16" thick roto-molded polyethylene.
<b>Paint</b>	All metal parts are thoroughly cleaned, primed, painted and dried separately. Each part is primed with a rust inhibitor primer and is painted with two coats of automotive quality. The parts are then assembled on the unit so that bolts, nuts, cables and grease fittings are not painted. Color is to be Big Bad Green.

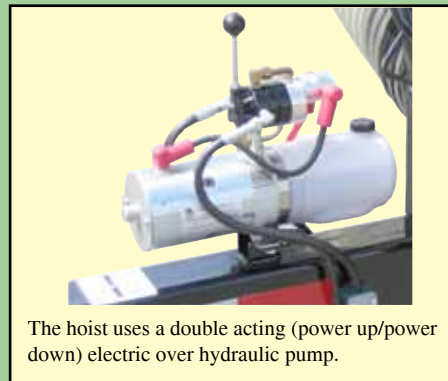
\*Specifications subject to change at any time without notice



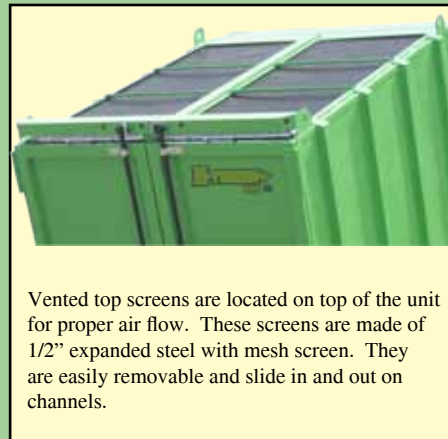
The telescoping hose boom gives the operator the ability to reach far into the ditches and hard to reach piles.



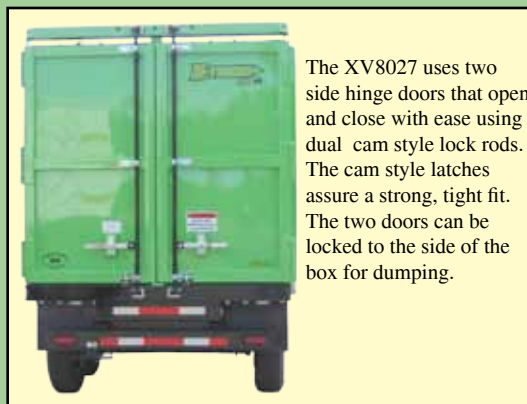
Engine controls and gauges include: tachometer, hour meter, throttle, choke and keyed ignition switch. Indicator lights for low oil pressure, high engine temperature and battery charging are included.



The hoist uses a double acting (power up/power down) electric over hydraulic pump.



Vented top screens are located on top of the unit for proper air flow. These screens are made of 1/2" expanded steel with mesh screen. They are easily removable and slide in and out on channels.



The XV8027 uses two side hinge doors that open and close with ease using dual cam style lock rods. The cam style latches assure a strong, tight fit. The two doors can be locked to the side of the box for dumping.



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