XXV8027

Self Contained Belt Driven Leaf Collector





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

XXV8027

Self Contained Leaf Collector Basic Specifications

Engine	Kawasaki FD7500D 27HP water cooled gasoline engine.
Ain Classes	
Air Cleaner	Dry element with pre-cleaner.
Radiator	Pressurized, heavy duty.
Radiator Screen	Pull out screen.
Engine Controls	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.
Drive Type	Belt driven with 3 individual belts.
Trailer Chassis	Heavy duty channel steel, formed and welded. Chassis is consructed of 2" x 6" tubular steel with 1/4" wall thickness.
Dimensions & Wt.	108" wide x 76" wide x 190" long. Empty weight is 4,200 pounds.
Axles	Dual 3.5-inch high speed rubber Torflex towing axles rated at 6,000 pounds each with electric brakes
Tires	ST225-75R15 radials mounted on steel white spoke rims and EZ lube hubs.
Tow Tongue	Heavy duty 4" x 5" x 1/4" thick wall thickness with pintle eye hitch.
Pintle Hook	Heavy duty pintle eye that is height adjustable without the use of tools
Parking Jack	Heavy duty top wind jack with steel foot.
Trailer Lighting	LED type stop/turn signals as well as clearance light.
Impeller	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.
Impeller Shaft	1-1/2" diameter.
Impeller Bearings	Two 1-1/2" diameter double roller 4 bolt flange type bearings.
Impeller Engagement	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.
Blower Housing	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.
Liners	Made of 3/16" thick steel and secured by 3/8" carriage bolts.
Suction Inlet	Located on curb side of unit, but unit can easily be remounted to pick up from the street side.
Intake Hose	12" diameter x 120" long. Heavy duty wire reinforced .070" thick flexible urethane hose. Telescopic, manual operated hose boom which pivots easily on the boom socket for easy maneavability.
Hose Boom	Telescopic, manual operated hose boom which pivots easily on the boom socket for easy maneavability.
Hoist Hydraulics	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.
Dumping Hoist	Uses a Crysteel scissor style hoist capable of dumping 24,000 pounds for the unit. The hoist dumps at a maximum 52 degrees.
Box Container	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.
Vented Top Screens	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.
Fuel Tank	12 gallon capacity fuel tank manufactured of 3/16" thick roto-molded polyethylene.
Paint	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 paint. The parts are then assembled on the unit so that bolts, nuts, cables and grease fittings are not painted. Standard Hopper color is White. Engine, blower housing and mounting platform are battleship grey color. Trailer frame, tongue and underside of the hopper are black in color.

*Specifications subject to change at any time without notice, units may be shown with optional equipment and/or colors

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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. (Unit shown with optional color)



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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