

SKB650/700

Skid Mounted Leaf Collector



Municipal Products
Since 1910



(0 Degree Belt Drive Shown)



- **John Deere Diesel Engine**
84HP turbo diesel
- **Belt or Direct Driven**
your choice
- **Mounts on any Chassis**
with 32" centers
- **Hydraulic Hose Boom**
easier leaf vacuuming

Many Options and Configurations
Available:

- ▣ Belt Drive
- ▣ Direct Drive
- ▣ 90 Degree Exhaust
- ▣ 0 Degree Exhaust
- ▣ 40 Degree Exhaust
- ▣ LH Intake Hose
- ▣ 2 Axis Hose Boom
- ▣ 3 Axis Hose Boom



ODB Company
Municipal Products Since 1910

SKB650/700 Skid Mounted Leaf Collector Basic Specifications

Engine	John Deere 4045T water cooled turbo diesel engine; 84 HP; 276 CID.
Air Cleaner	Dry element with pre-cleaner.
Radiator	Pressurized, heavy duty.
Radiator Screen	Constructed of 1/2" expanded flattened steel with steel mesh. Screen is 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 for easier and more reliable connections. Gauges include: Tachometer, hour meter, volt meter and oil pressure gauge. Automatic safety shutdown for high temperature or low oil pressure.
PTO	Heavy duty 13" automotive style PTO and clutch.
Safety Engagement	PTO is equipped with a safety engagement system which prevents abrupt engagement of the PTO at high RPM's.
Drive Type	Belt drive with 4 -groove power band or Direct Drive
Skid	89.5" x long x 48" wide formed and welded from one-piece 1/4" thick steel.
Impeller	32" diameter with 6 gusseted blades which are constructed of abrasive resistant T-1 steel with a Brinell hardness exceeding 400.
Impeller Shaft	2.25" diameter. Impeller, shaft and bearings are removable in a one piece assembly by removing only eight bolts on the belt drive units.
Blower Housing	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 require no bolts. Made of 1/4" abrasive resistant steel.
Suction Inlet	Right hand or left hand pickup available.
CFM	19,000
Exhaust Duct	Square duct extension of the blower housing. Constructed of 12 gauge steel and centered directly over the unit. Available in 90 degree, 0 degree or 40 degree.
Intake Hose	16" x 120" long. Heavy duty wire reinforced 3/8" thick flexible rubber hose.
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 hydraulic cylinder is 1.5" in diameter, with a minimum stroke of 12 inches. 2 or 3 axis booms are available in geared motor versions or cylinder versions.
Intake Nozzle	16" diameter nozzle with handle constructed of 12 gauge steel.
Boom Controls	100% waterproof marine-style switch located on the nozzle.
Fuel Tank	45 gallon capacity fuel tank manufactured of 1/4" thick roto-molded polyethylene.
Empty Weight	3,900 pounds.
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.

*Specifications subject to change at any time without notice



2 Axis Cylinder Style 90 Degree Blower



3 Axis Gear Style 0 Degree Blower



The intake comes with a barrel assembly or straight flange. All units come with a complete circuit board which can be mounted as above or moved to fit your requirements.



The unit comes with a standard John Deere 4045T 84HP engine with modular, louvered sheet metal. The entire engine and blower are on one compact skid allowing easy installations.



Standard SKB700 0 degree blower, single axis hose boom installed.

Sold By:

Manufactured by:



ODB COMPANY
5118 Glen Alden Drive
Richmond, VA 23231
www.leafcollector.com

800-446-9823

Municipal Products
Since 1910