

elephant-vac

MODEL EVC-4H RIDING LITTER VACUUM

Toll Free (USA) 1-877-844-3293



Elephant-Vac model EVC-4H Hydraulic Litter Vacuum sucks up litter as the operator drives along, directing the vacuum hose to pick up scattered litter strewn against or in fences, under trees, around bushes and along curbs, as well as in wide open spaces. It enables one worker to do the work of five manual litter pickers, saving labor costs and freeing up valuable manpower.

The hydrostatic vehicle drive enables the operator to maneuver the vehicle fore and back with a single foot pedal. The vacuum hose is mounted on a balanced spring-boom for easy side to side and up and down movement. Drink cans, plastic bottles, paper cups, cigarette butts, leaves -- anything that fits into its 8" diameter hose is drawn directly into a throw-away plastic bag. Replacement of the bag takes less one minute.

Model EVC-4H is easy to operate with its forward-reverse foot pedal and balanced hose boom, safe and stable

with its four wheel configuration, and simple to maintain with its modern gas engine. Elephant-Vac model EVC-4H is powered by a Briggs & Stratton 23 HP Vanguard engine. This modern, V-twin, overhead valve, gasoline engine drives both the vehicle drive pump and the vacuum fan drive/power steering pump.

Four-wheel stability and a low center of gravity make Elephant-Vac amazingly sure-footed, even on grades and inclines. The operator can confidently roll across ramps, bump up and down curbs, and clean up hilly terrain in complete safety. Model EVC-4H spreads its 1,100 pounds evenly over four rubber tires for maximum traction and weight distribution, allowing Elephant-Vac to go "off-roading" without damaging the landscape. Unlike pavement bound machines, Elephant-Vac can reach litter anywhere -- from a fragile fairway to a muddy field.

MODEL EVC-4H RIDING LITTER VACUUM

vehicle specifications

CHASSIS:	Four wheel configuration for maximum safety and stability.
OPERATION:	Single foot pedal controls variable forward-reverse travel.
ENGINE:	Briggs and Stratton 23 hp (17.2 kW) Vanguard. 38.3 cu in (627 cc) displacement. Air-cooled, V-twin with overhead valves. Pressure lube and filter. 2 year warranty.
FUEL:	Regular gasoline. 9.0 gallon (34 liter) capacity.
STARTING:	Key ignition switch. Neutral safety interlock.
BATTERY:	12 volt automotive type. 525 CCA.
CHARGING:	16 amp alternator.
LIGHTING:	Dual headlights, rear running lights, and overhead flasher. Complete road lighting package available.
DRIVE PUMP:	Eaton variable displacement axial piston pump with relief valves. 3 year warranty.
DRIVE MOTORS:	Dual Eaton 2000 series high torque wheel motors. 3 year warranty.
RESERVOIR:	9 gallon (34 liter) capacity, with baffle and suction pickup strainer.
FILTER:	High capacity SP25 suction filter, 10 micron.
OIL COOLER:	5 row aluminum-copper with internal swirl action.
FRAME:	High strength square steel tubing. Welded construction.
SUSPENSION:	Front: Transversely mounted leaf spring with trailing arm radius rods. Rear: Rigid mount. Large rear tires provide pneumatic suspension.
STEERING:	Hydraulic power steering. Eaton tandem gear pump. Ross steering valve with pressure relief. Steering cylinder behind axle.
BRAKES:	Hydraulic dynamic braking. 8" (20 cm) diameter disc parking brakes on rear wheels. Over-center type lever, operator adjustable.
TIRES:	Front: 18 x 8.50 - 8 4-ply highway/turf rib tread. Rear: 23 x 8.50 -012 4-ply traction tread.
BODY:	16 gauge sheet steel. Powdercoat finish.
SPEED:	Variable speed control up to 16 mph (26 kmh) forward. 6 mph (4 kmh) reverse.

vacuum specifications

SYSTEM TYPE:	Tank type vacuum. Debris does not pass through the impeller.
VACUUM MOTOR:	Parker high efficiency gear motor. Separate dual ball bearing shaft load adapter.
VACUUM DRIVE PUMP:	Eaton tandem gear pump. 3 year warranty.
IMPELLER:	Cast aluminum centrifugal impeller. High-speed balanced. Top mounted impeller for maximum airflow and dust control.
IMPELLER SPEED:	1800 - 4000 rpm variable.
PERFORMANCE:	Airflow 2300 cfm (65 cmm). Velocity 6500 fpm (2000 mpm).
FILTER SCREEN:	High strength steel. Rotating -- self-cleaning. Optional cloth filter bag for air outlet.
HOSE:	8 inch diameter, 15 foot long, flexible rubber, helical spring wire reinforced.
HOSE BOOM:	Balanced spring boom with height adjuster. Operates on both sides of the vehicle.
CONTAINER:	Heavy gauge galvanized steel, powdercoated, 60 gallon capacity.
LINER:	Heavy gauge polyethylene.
BAGS:	22" x 20" x 50" x 3 mil (56 cm x 51 cm x 127 cm x .08 mm). Black polyethylene in attached canister.

dimensions

LENGTH:	103" (262 cm).
WIDTH:	48" (122 cm), 54" (137 cm) with hose.
HEIGHT:	67" (170 cm) to top of vacuum motor. 82" (208 cm) to top of hose.
GROUND CLEARANCE:	8" (20 cm) under chassis. 6" (15 cm) under front axle.
WHEELBASE:	50" (127 cm).
TURNING CIRCLE:	16' 8" (5.1 meters) diameter from curb to curb.
WEIGHT:	1100 lbs. (500 kgs).
TIP-OVER ANGLE:	45 degrees (100% grade). Maximum recommended operating angle - 27 degrees (50% grade).

The manufacturer reserves the right to change specifications at any time without notice. One year limited warranty.



INDUSTRIAL AIR SOLUTIONS, INC.

Toll Free (USA) 1-877-844-3293

P.O. Box 90246 • Raleigh, NC 27675
Raleigh 919-844-3293 • Fax 919-518-1667

www.industrialairsolutions.com

Email info@industrialairsolutions.com