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LP61-G

Portable Litter Vacuum (gas)



Product Overview



Table of Contents



Application.....3-4

Why the LP61-G.....5-6

Specs, Characteristics & Performance.....7-23

Vacuum System.....24-26

Litter Collection System.....27-30

Contact Us.....32

LP61-G options:

Trailer conversion kit..... 6

Spare wheel..... 22

Hose extension..... 25

Litter collector bags..... 27

Bagless debris system – Kevlar bin..... 28

Filter cartridge..... 31



Application

Ideal unit to replace tedious manual litter picking, and for hard-to-reach soiled areas: Windblown trash at landfill and transfer station fence lines, roads & highways, parking lots, parks, alleys, alongside buildings, trails, ditches, shelters, and more.



Customers

- Cities and municipalities
- Landfills
- Outdoor cleaning contractors
- Manufacturing facilities
- Transfer stations
- Solid waste & recycling centers
- Amusement parks
- Transit authorities
- Educational and sports facilities
- Distribution centers
- Correctional facilities
- Healthcare services
- Military

Why the LP61-G?

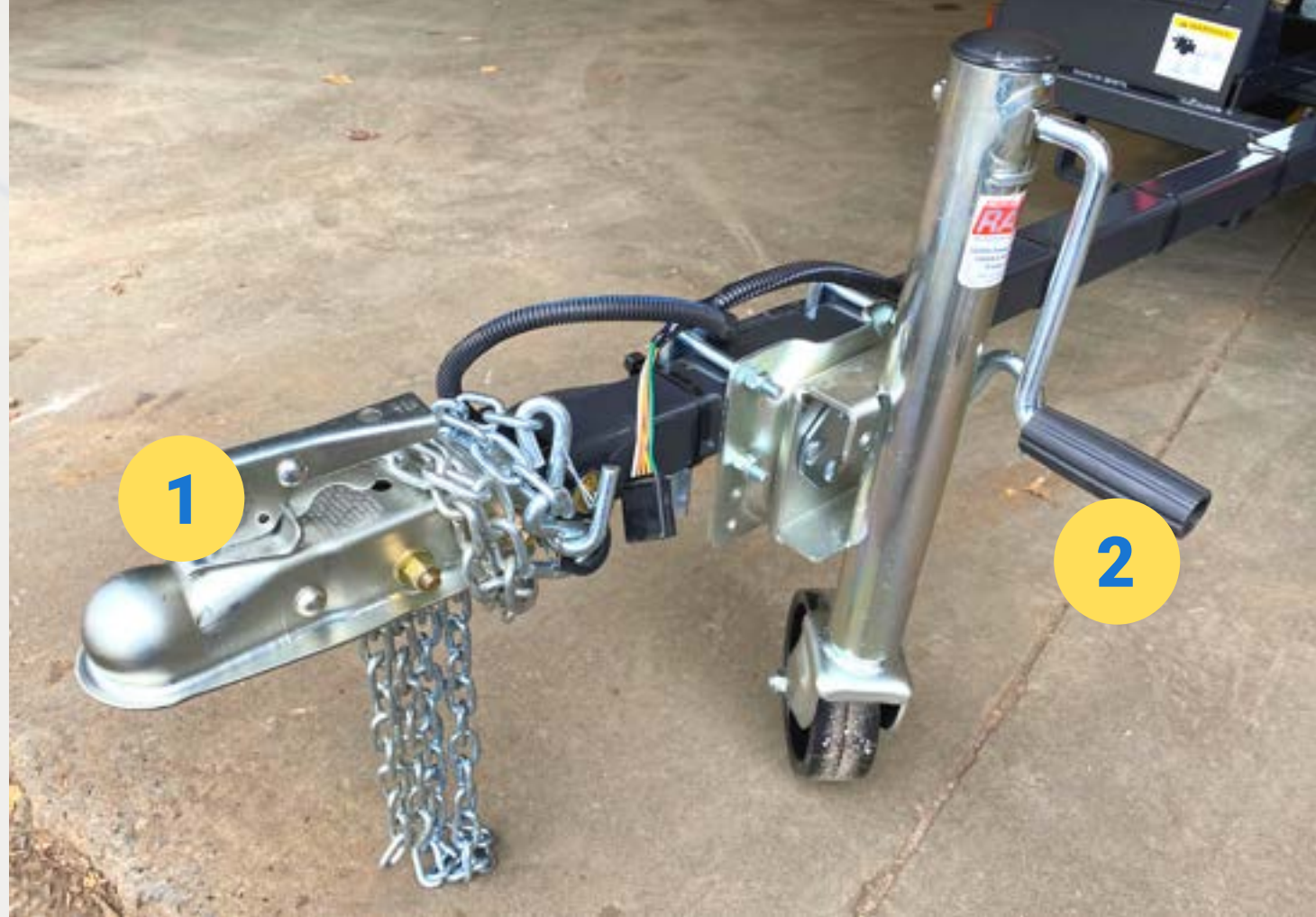


- Powerful vacuum collector 5x more efficient than manual litter picking;
- Lightweight, easy to use;
- Patented straight-through suction compacts litter;
- No fan to jam technology;
- Minimal maintenance

Why the LP61-G?



- 2 transport options:
 - standard pickup truck with 6-ft bed
 - tow behind trailer with standard hitch



Trailer-mount attachment options

1 Attachment types available:

- 2 in. ball
- 1.78 in. ball
- pintle

2 Trailer jack

3 Trailer wiring harness (4 pin) (street legal lighting)



Dimensions

Trailer-mount

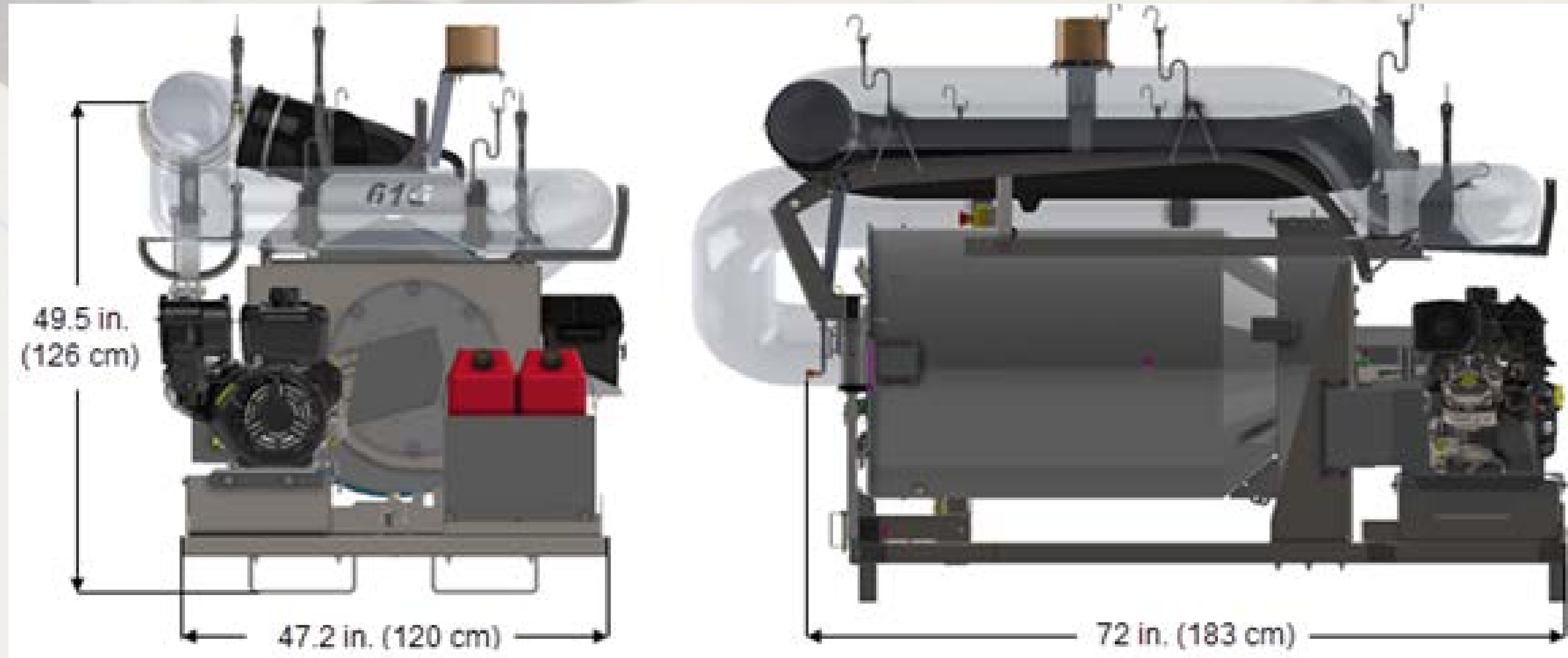
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Weight : 952 lbs (425 kg)

Dimensions ⁹

Skid-mount



Weight : 750 lbs (340 kg)

Body / Frame

- Heavy gauge steel body on a welded 1/4 in. (6.35 mm) structural steel frame
- Electrostatic powder-coated paint





Engine

- Vanguard 400 | manufacturer: Briggs & Stratton
- Displacement: 408 cc (25 cu in.)
- Gross rated power: 10.4 KW (14 HP)
- Fuel type: Petrol (Gas) - no diesel



Our website and YouTube channel may show LP61-G with a Honda engine. Since April 2022, this engine has been replaced with the Vanguard 400.

- Manufacturer offers 3-year warranty versus 2-years with Honda
- More autonomy with max. fuel capacity 12 gal (45.4 L) versus Honda 6 gal. (22.7L)
- Honda does not have a ventilated gas cap - operator must manually release gas tank pressure before using the machine
- Vanguard 400 has a less complicated assembly, is easier to maintain, has less wiring
- Aftersales parts are less costly and more available than Honda

Control Panel

- 1 Throttle: sets engine revolution
- 2 Choke: Set choke OPEN and CLOSE for engine start-up
- 3 Recoil starter rope
(not required if ignition key is used)





Emergency stop button



Ignition switch: rotary key switch controls ignition circuit of the machine



Dipstick



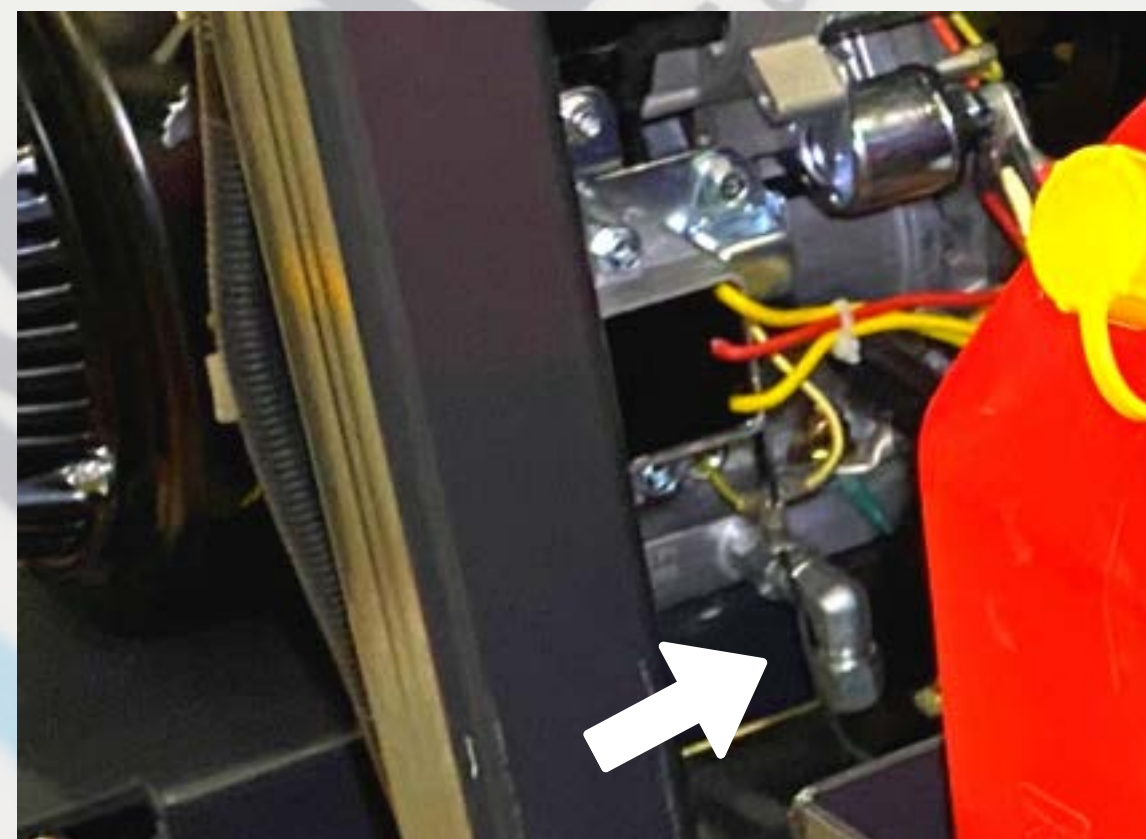
Oil inlet



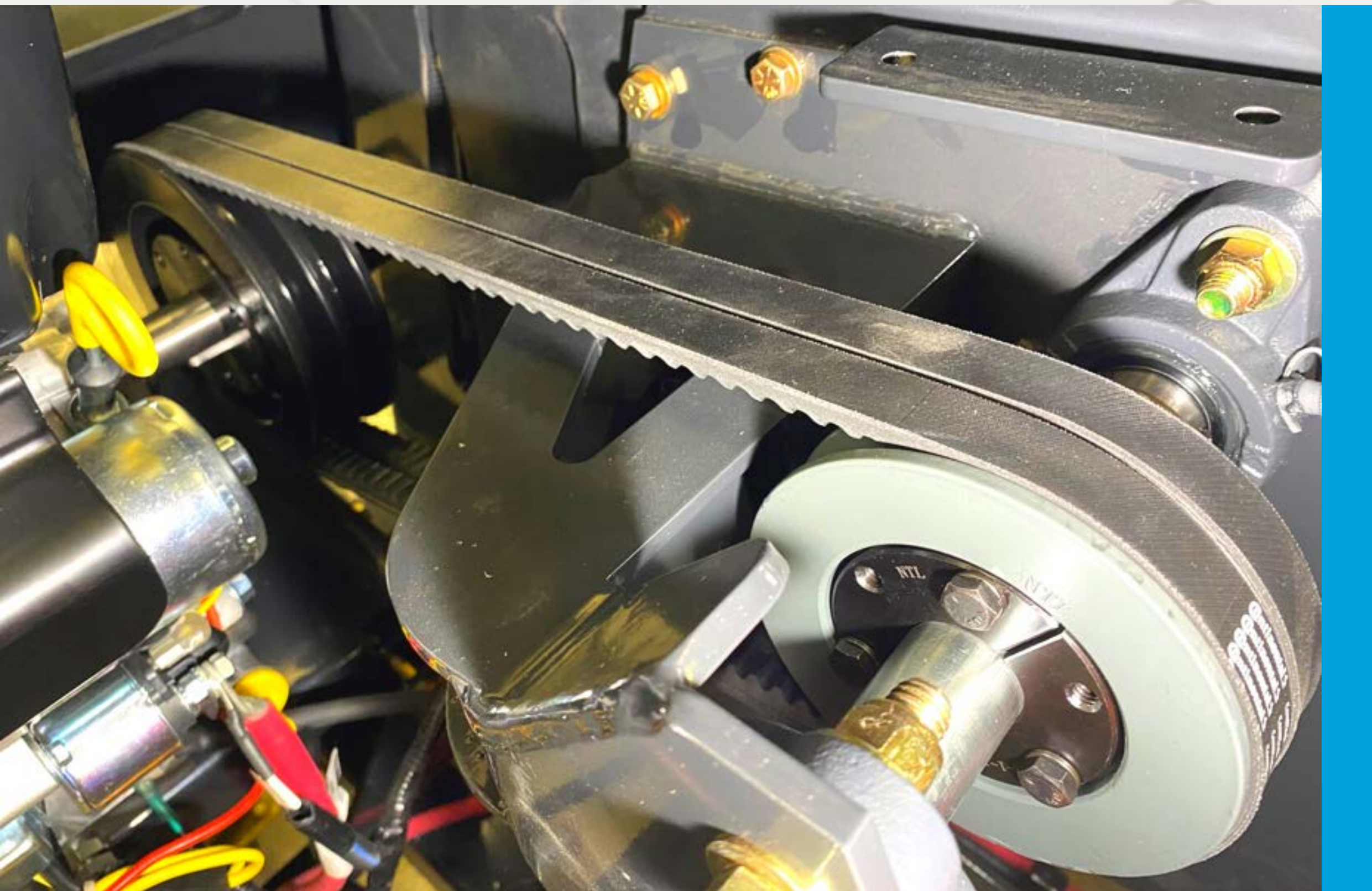
Air filter



Spark plug



Oil drain



Double Belt

Transmits engine power to the fan

Muffler

Suppresses engine noise



Fuel Tanks



- Fuel type: gas (no diesel)
- Fuel capacity: Motor 1.6 gal. (6 L) + two tanks 10.4 gal. (39.4 L) Total = 12 gal (45.4 L)
- Ventilated gas cap
(no need to release pressure prior to start)
- Fuel consumption: 1.3 gal (4.9L) per hour





Battery

12-volt heavy duty battery for
engine starter and beacon light

Lighting Package

Fully street legal

- Beacon
- 4 corner lights



Wheels



- 4-season radial tires
- 175/80 R 13
- Spare tire for trailer mount option



License Plate Holder

...



- Vacuum rating: 2200 CFM
- Air Flow: 7700 ft/min (2347 M/min.)
- Vacuum fan diameter: 14 in. (365 mm)
- Bottom mounted fan: no litter comes in contact with the fan
- Straight-through suction system compacts litter 2:1 ratio

Vacuum System



Vacuum Hose

- Diameter: 8 in. (203 mm)
- Length: standard 25 ft. (7.62 m)
(includes the handle)
- Optional hose extension:
15 ft. (4.57 m), or
25 ft. (7.62 m)



Hose Support Arm



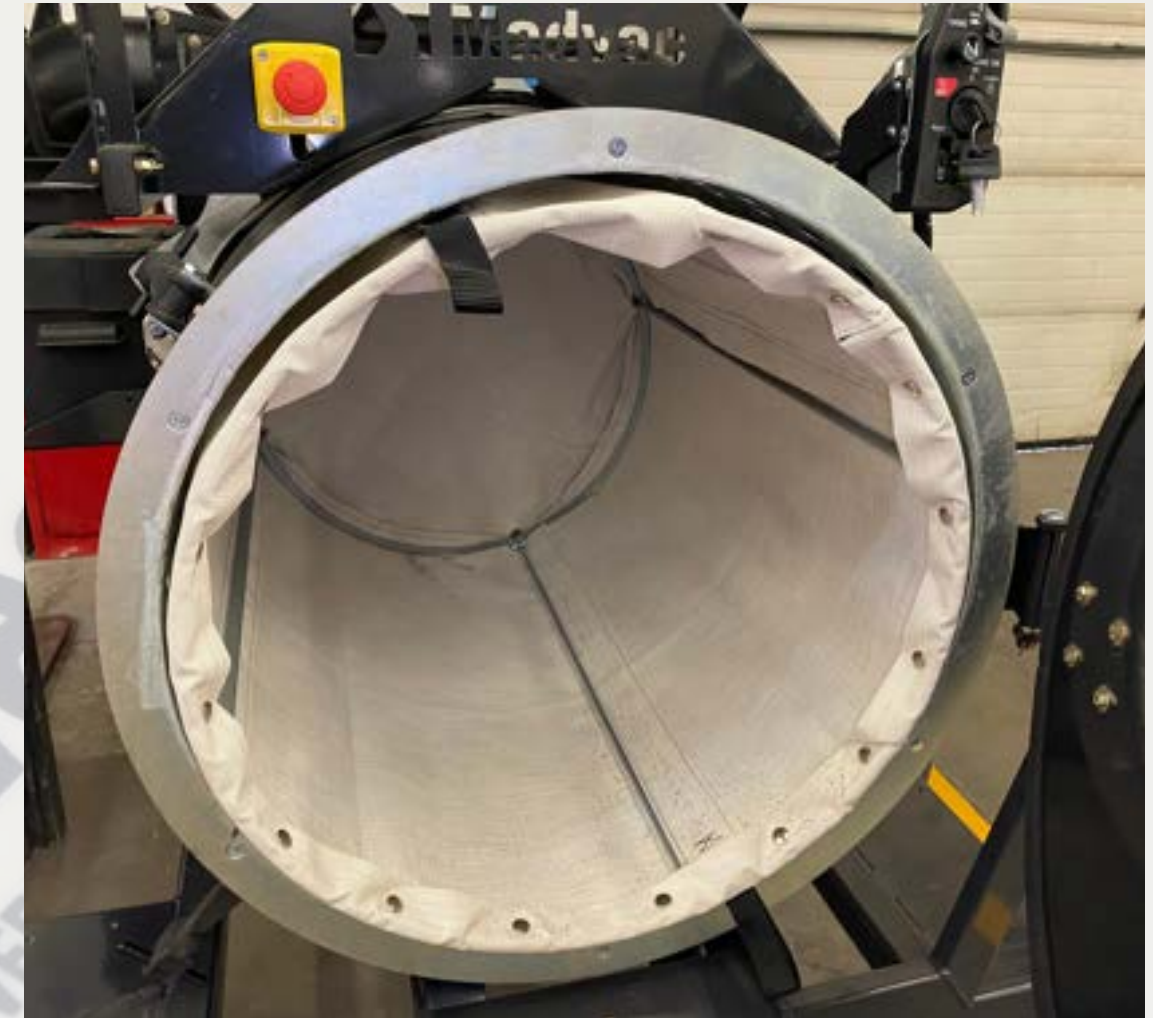
360-degree rotating vacuum hose support arm allows easy displacement and positioning of the hose

Container and Bag

- Litter capacity: 50 gal. (190 L)
- Material: 16-gauge powder-coated steel
- Bag: quick change reusable bag



Note: off-the-shelf bags not compatible with this machine



Bagless Debris System - Kevlar Bin

Optional Kevlar bin can be filled, then emptied into off-the-shelf bag or dumpster

Litter Catch Cover

(for litter bags or Kevlar bin)

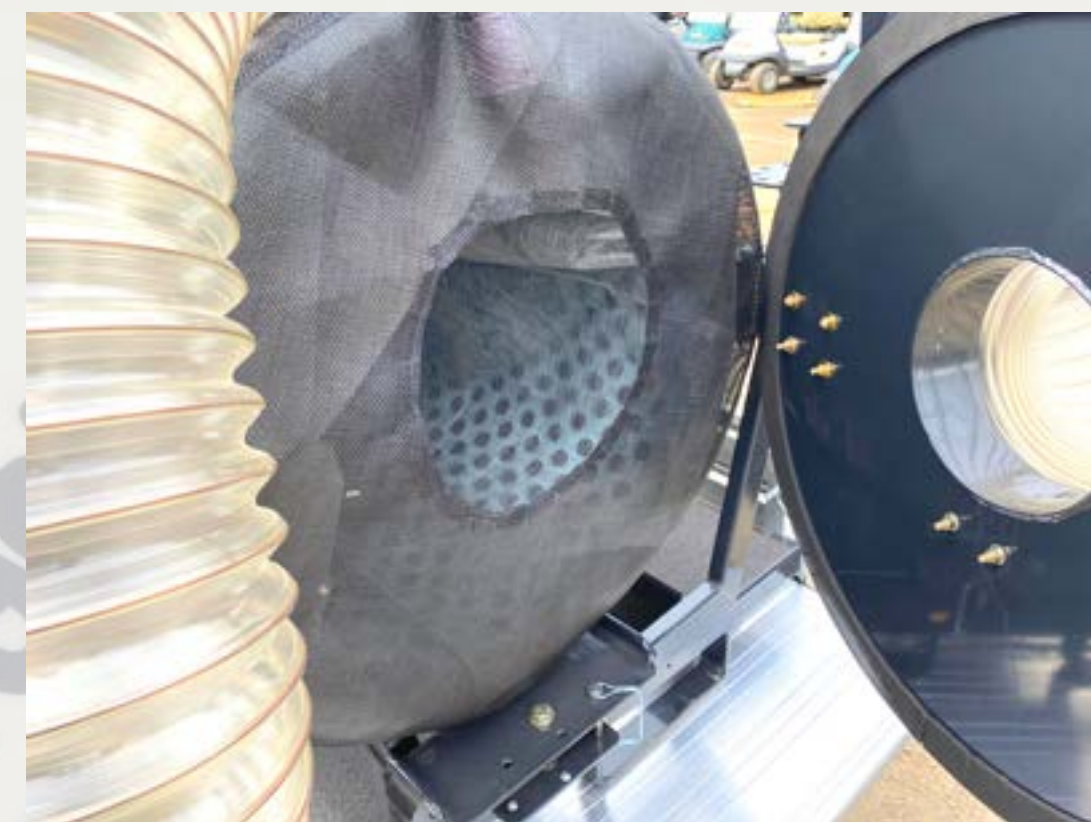
Prevents litter from falling to the ground when container door is opened



Bag



Catch Cover



Installed

Dust Control

Exhaust Filtration Bag

Retains fine particles
and dust before clean
air is expelled





Dust Control

2-Micron Interior Cylindrical Filter Cartridge (Optional)

- Offers additional dust control (for high pedestrian traffic areas)
- Only compatible with litter collector bags -not Kevlar bin



To schedule a demo, request a quote, or for more information on the LP61-G portable vacuum:



855-651-0444 (USA/Canada)
450-651-0444 (International)



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