

Madvac® **LP61-G** Portable Litter Vacuum (gas)

Sourcewell 
Formerly NJPA

 **canoe**
procurement group of canada

Product Overview

www.madvac.com



Table of Contents



Application.....3

Why the LP61-G.....4-5

Specs, Characteristics & Performance.....6-21

Vacuum System.....22-24

Litter Collection System.....25-29

Contact Us.....30

LP61-G options:

Trailer conversion kit..... 6

Spare wheel..... 20

Hose extension..... 23

Litter collector bags..... 25

Bagless debris system – Kevlar bin..... 26

Filter cartridge..... 28



Application

Ideal for hard-to-reach soiled areas such as windblown trash at landfill and transfer station fence lines, parking lots, parks, cycling trails and industrial sites.



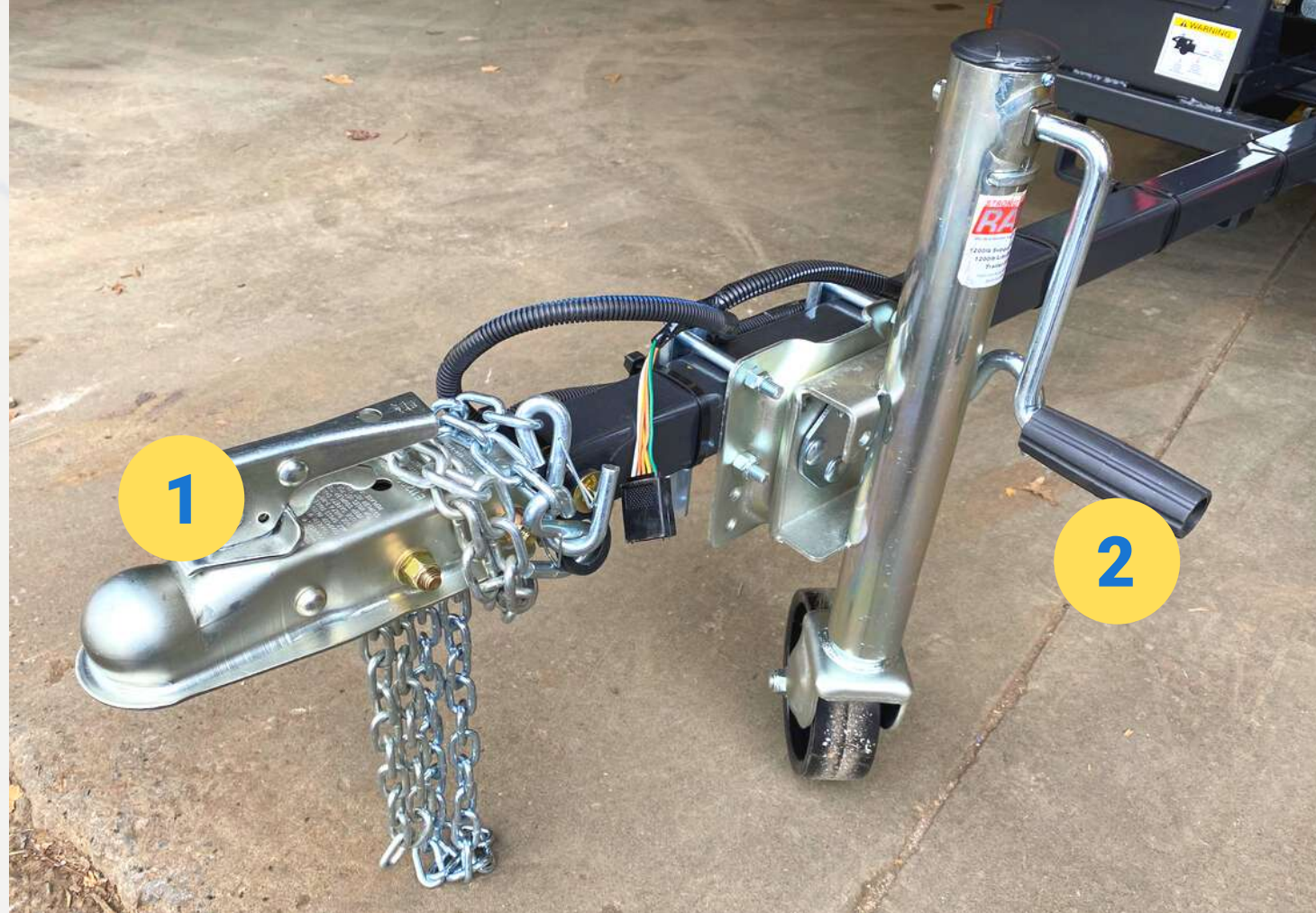
Why the LP61-G?

- Powerful vacuum litter collector: 5 times more efficient than manual picking
- Patented straight-through suction compacts litter
- No fan to jam technology

Why the LP61-G



- Compact, lightweight, easy to use
- 2 transport options:
 - standard pickup truck with 6-ft bed
 - tow behind trailer with standard hitch



Trailer attachment types available:

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

Trailer jack

Trailer wiring harness (4 pin)

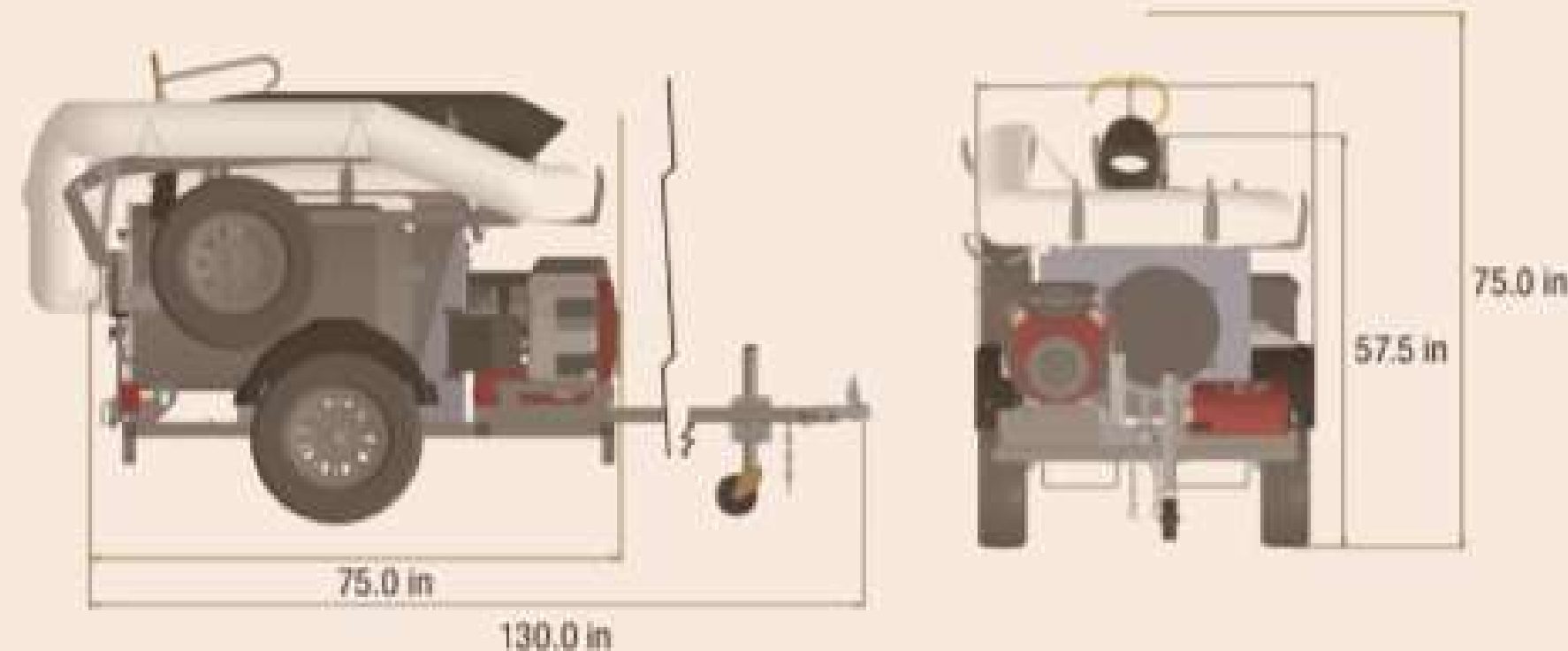


**Skid mount to trailer
option (or the reverse)
in 45 min**

Skid



Option Trailer Mounted



Dimensions

Skid Mount

- Length: 72 in. (1828 mm)
- Width: 47.2 in. (1198 mm)
- Height: 49.5 in. (1257 mm)
- Weight: 750 lbs (340 kg)

Trailer Mount

- Length: 130 in. (3300 mm)
- Width: 47.2 in. (1198 mm)
- Height: 57.5 in. (1460 mm)
- Weight: 952 lbs (425 kg)

Body / Frame

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





Engine

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



Some of the photos in this document and on our YouTube channel show the LP61-G with a Honda engine. Since April 2022, this engine has been replaced with the Vanguard 400 manufactured by Briggs & Stratton.

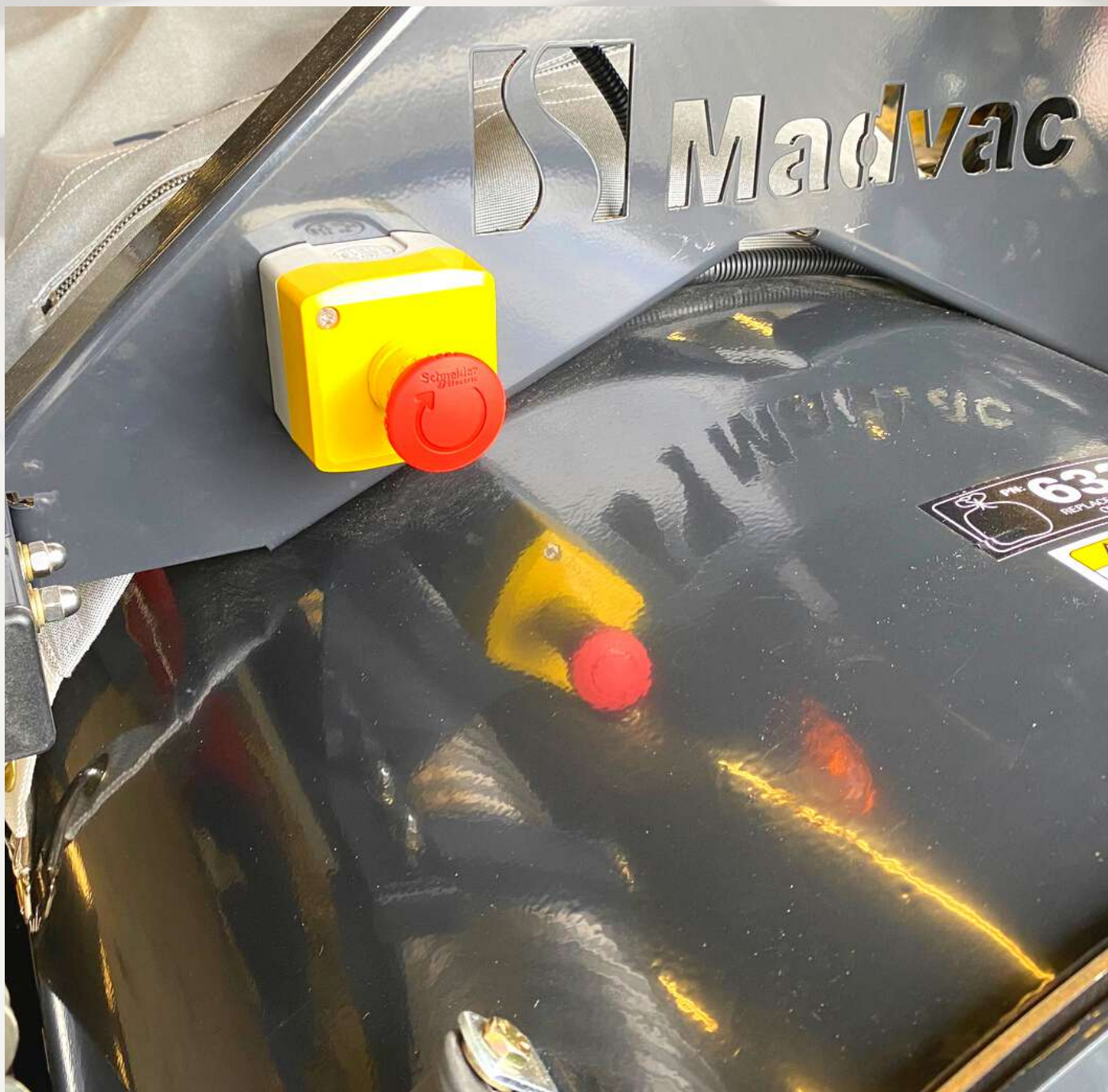
Reason for the change:

- Manufacturer offers a 3-year warranty versus 2-years with Honda
- Vanguard offers 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 - easier to maintain, less wiring
- Aftersales Vanguard parts less costly / 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)

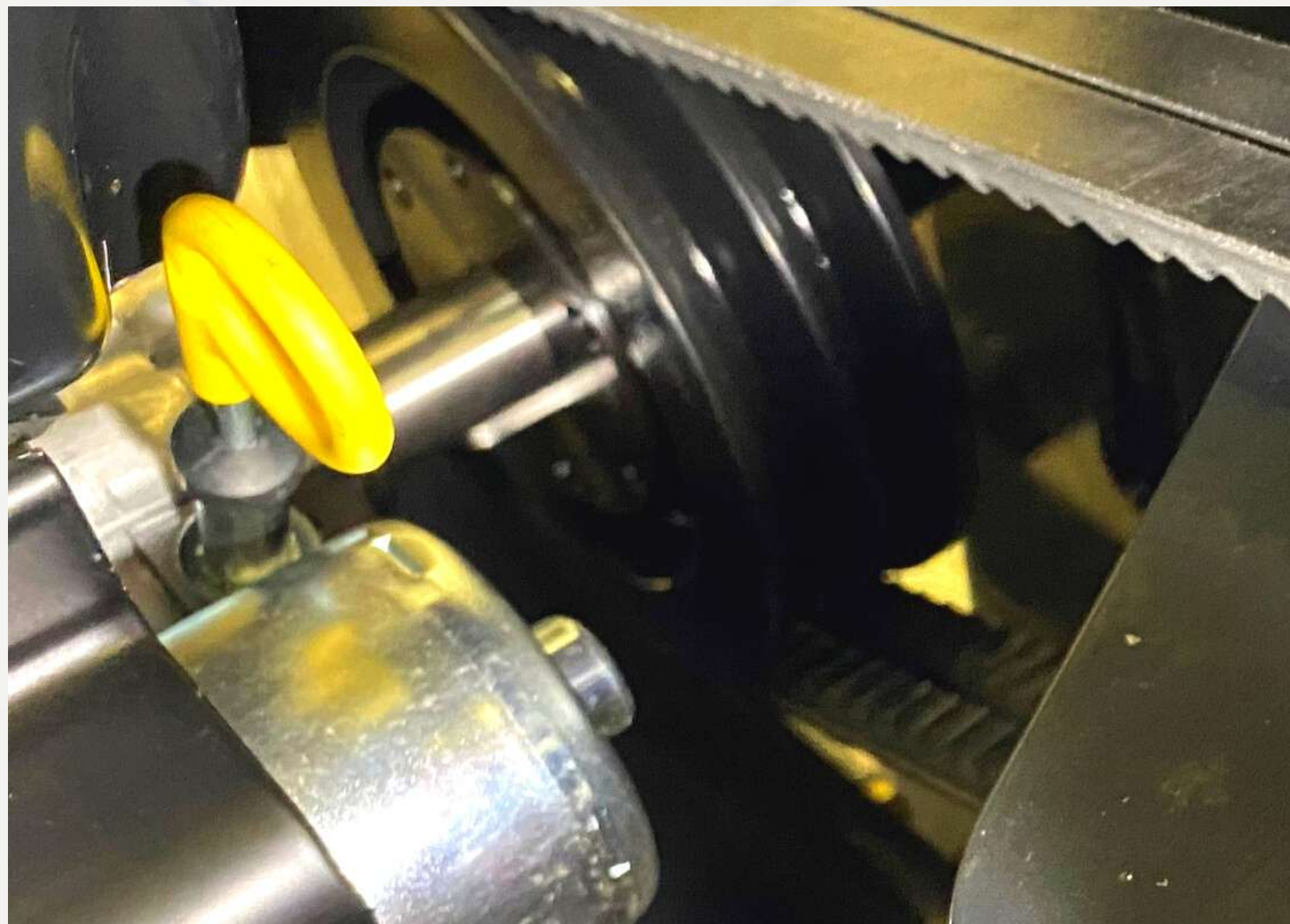




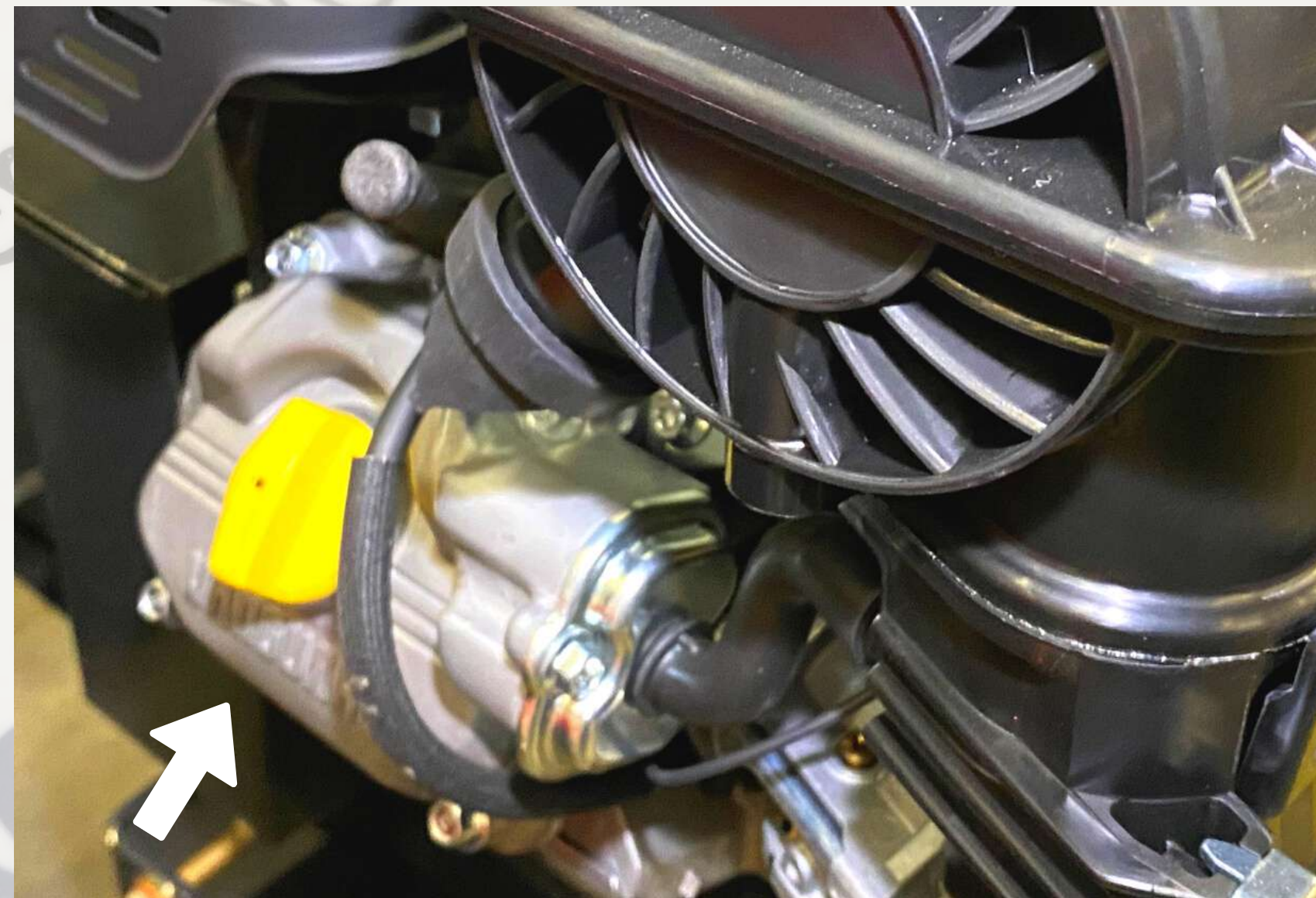
Emergency stop button



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



Dipstick



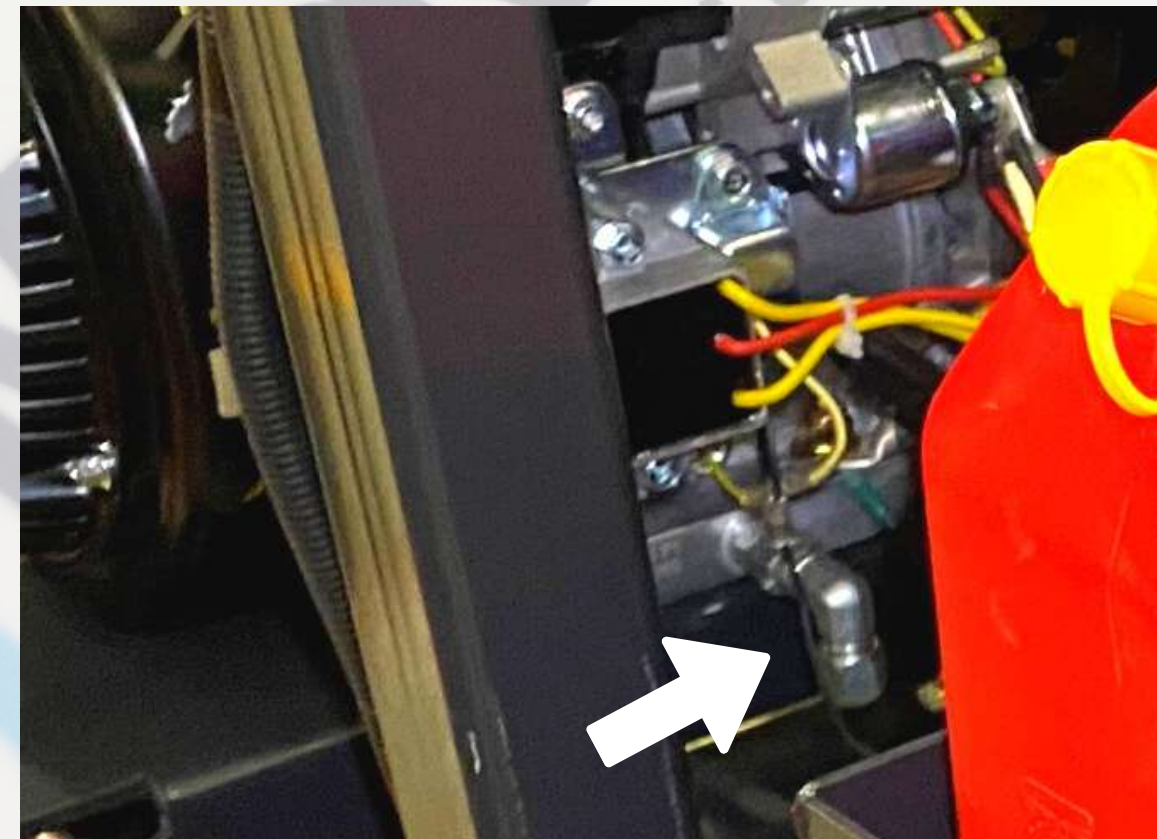
Oil inlet



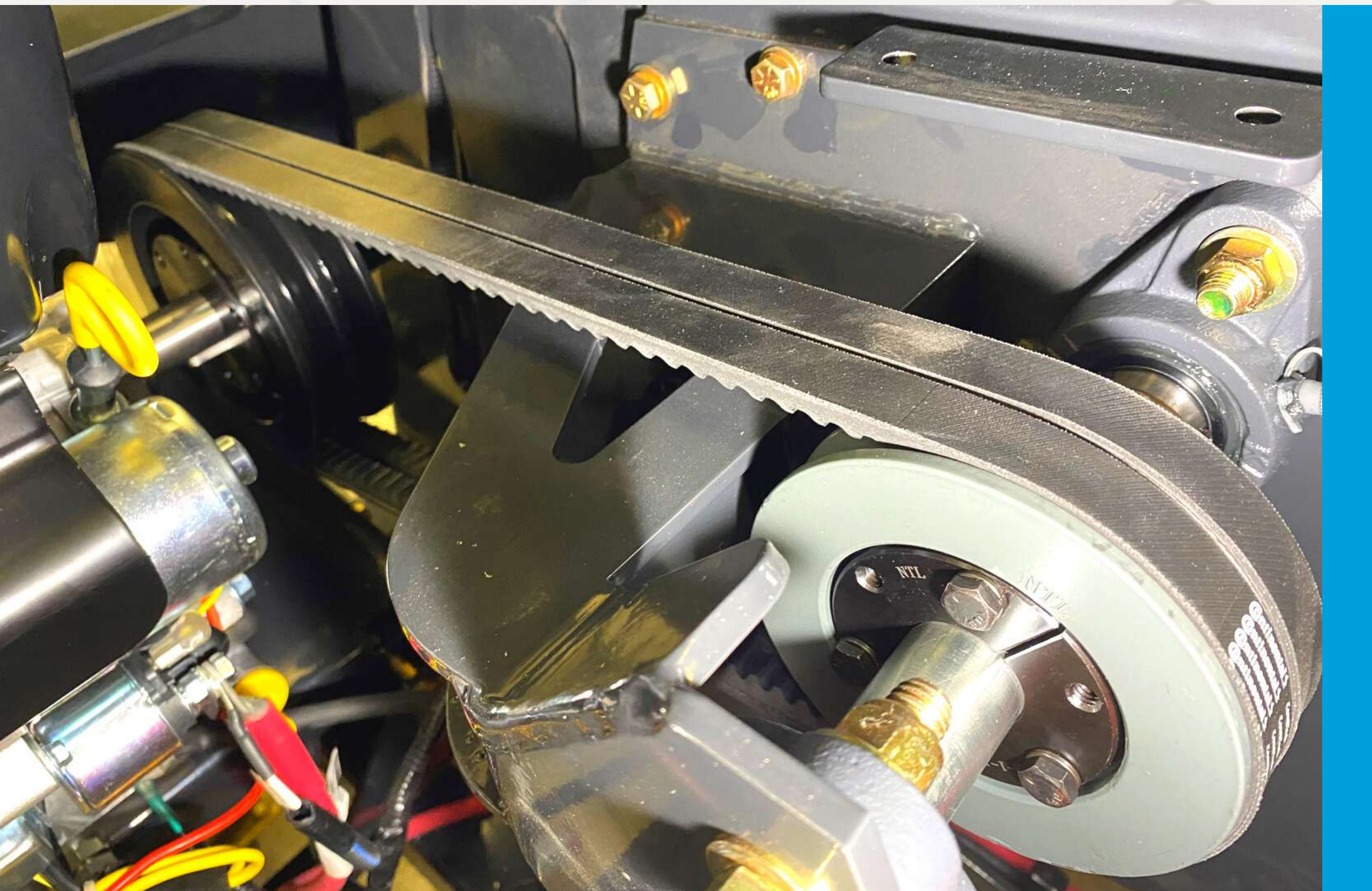
Air filter



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

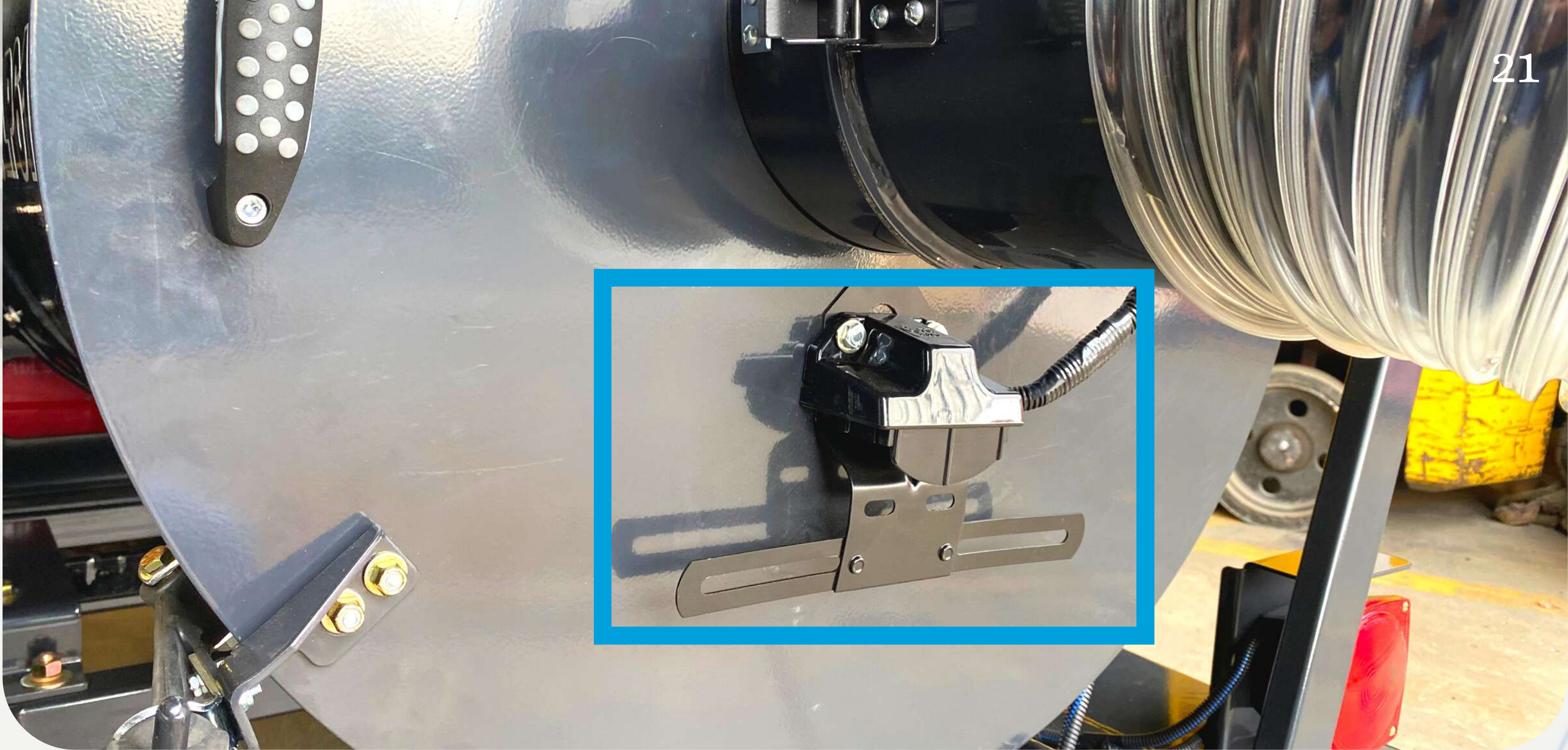
- Beacon
- 4 corner lights



Wheels

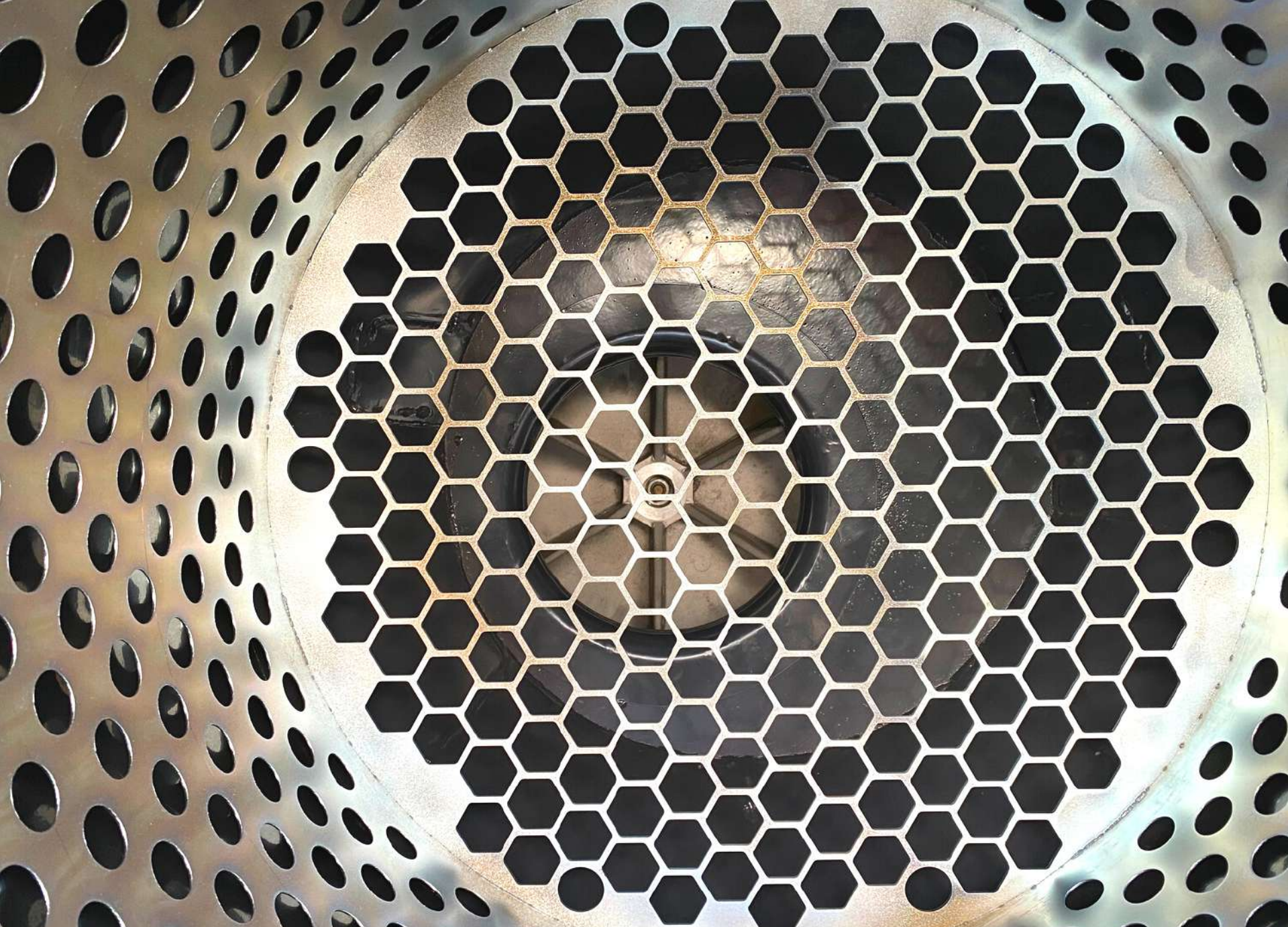


- 4-season radial tires
- 175/80 R 13
- Spare tire for trailer mount option



License Plate Holder

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- 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

Hose Extension



Vacuum Hose

- Diameter: 8 in. (203 mm)
- Length: standard 25 ft. (7.62 m) including 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

Litter Catch Cover

(for litter bags and Kevlar bin)

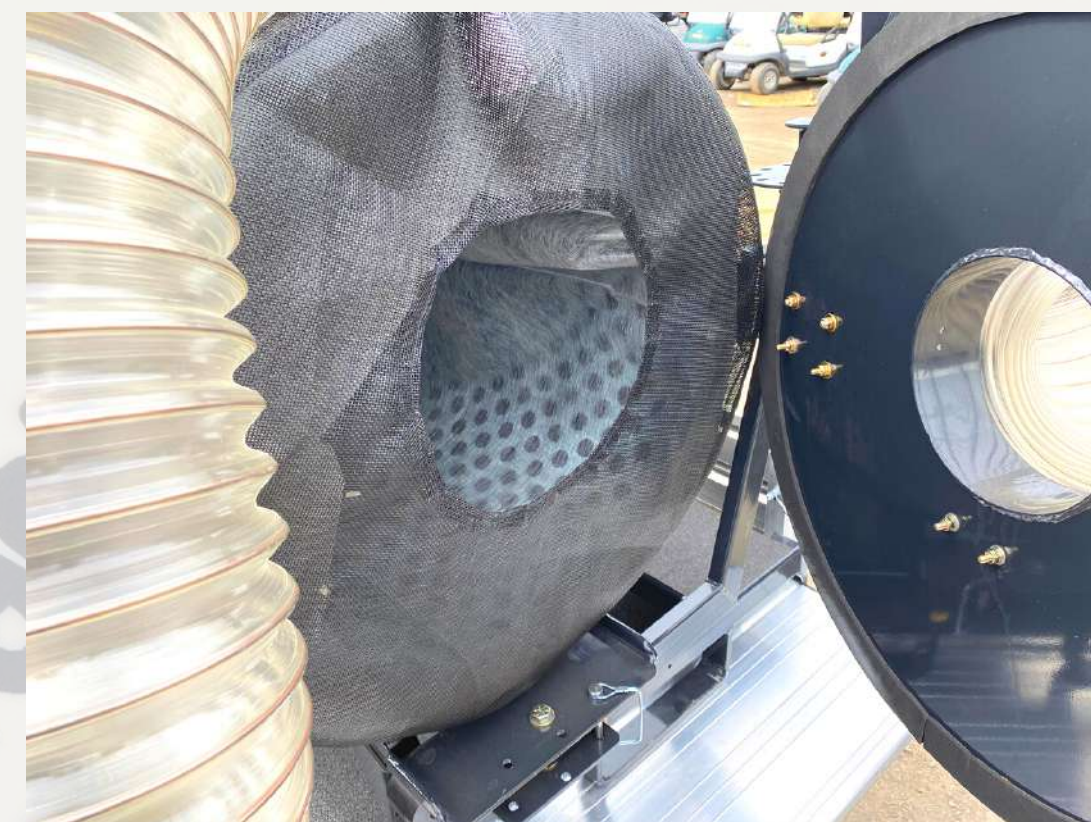
Prevents litter from falling to the ground when container door is opened



Bag



Catch Cover



Installed



Dust Control

2-Micron Interior Cylindrical Filter Cartridge (Optional)

- Offers additional dust control (for high pedestrian areas)
- Compatible with litter collector bags only, not Kevlar bin



Dust Control

Exhaust Filtration Bag

Retains fine particles
and dust before clean
air is expelled



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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awarded contract vendor #093021-EXP