

PULSEO
GENERATION

» ROUGH TERRAIN ELECTRIC ARTICULATING BOOM

HA46 E - HA46 E PRO

The best boom to reach Juliet
(according to Romeo)

WARRANTY

HAULOTTE
5 YEAR*

*See conditions in the Haulotte distribution network.



haulotte.usa.com

Haulotte 
EQUIPMENT

CHALLENGES AND SOLUTIONS FOR SUSTAINABLE CITIES

PULSEO
GENERATION

All over the world, countries are facing the same challenges:

Combating global warming and air pollution.

Aware of these challenges, many cities have adopted measures limiting, or even banning, the use of emission-intensive equipment.

To support all players in this process, **Haulotte is committed to more sustainable development** and supports its customers and partners in their ESG strategy.



WITH THE PULSEO RANGE, HAULOTTE OFFERS environmental-friendly, **100% electric, emission-free equipment offering unrivaled performance.**

98%

Recyclability rate
of the HA46 E



ELECTRIC POWER FOR THE ENVIRONMENT

EVOLVE WITHOUT CONSTRAINT

Thanks to its 100% electric design, the HA46 E aerial work platform offers a sustainable alternative, suitable for all situations including night operation:

- Low-emission zones (LEZ).
- Green-labeled worksites.
- Zones where access to combustion engines is prohibited.

WORK IN SILENCE

The **PULSE0** generation offers an incredibly silent experience for operators and bystanders. Its discretion opens the door to new applications:

- Quiet areas: hospitals, offices, schools, etc.
- Public places: shopping malls, pedestrian streets, airports.

WARRANTY



The **HA46 E** and **HA46 E PRO** feature Haulotte's highest quality standards. Subjected to rigorous endurance tests and accelerated life cycles tests to guarantee their lifespan. All **PULSE0** Generation models benefit from a **5-year warranty**.

*See conditions in the Haulotte distribution network.

A PLAYGROUND WITHOUT LIMITS



The PULSEO HA46 E articulating boom is a 2-in-1 machine: its versatility makes it indispensable throughout the life of the worksite, from start-up to completion.

1 SINGLE MACHINE FOR ALL APPLICATIONS:

Its electrical architecture combined with its rough terrain performance make it perfectly suited to both indoor and outdoor applications, while ensuring clean and quiet operation.

*PRO model only.

**Available as an option.



No compromise on rough terrain performance: the HA46 E boasts the same excellent rough terrain capabilities as a combustion-powered machine.

Its oscillating axle* combined with 4-wheel-drive ensure optimum grip.



Equipped with non-marking tires**, the HA46 E works perfectly indoors without leaving marks, even on sensitive floors.

Its tailswing makes it extremely maneuverable, enabling it to operate in confined spaces.





OUT

IN



INCOMPARABLE
AGILITY AND
**ROUGH TERRAIN
PERFORMANCE**

No compromise on rough terrain performances. The HA46 E boasts excellent rough terrain capabilities, identical to those of a diesel-powered boom.

Its electric architecture combined with a mechanical axle drive train makes it ideal for all types of terrain.

The impressive drive power provided by its cutting edge equipment enables the HA46 E to climb slopes up to 40% and work on tilted grades up to 5°.



slope up to 40%



5° tilt

ROUGH TERRAIN EQUIPMENT:



> **1 oscillating* axle** to keep the wheels in contact with the ground and provide optimum gripe.

> **4 independent wheel-drive** each delivering powerful torque and excellent traction distribution.



> **4 wheel-steer*** to considerably reduce the turning radius and enable crab mode travel.

> **High ground clearance** to overcome obstacles and protect machine components.

*Available with PRO model only.

UNLIMITED DUTY CYCLE



NEED TO RECHARGE YOUR MACHINE?

Whatever the worksite constraints, several charging solutions are available with our machines: mains plug (accelerated charger available) or charging with a Ranger Extender.

YOUR WORKSITE IS NOT CONNECTED TO THE ELECTRICAL GRID?

The removable Range Extender ensures rapid battery recharging. Installed in less than 5 minutes, it recharges the HA46 E batteries to **80% in 3 hours**. **During recharging, the operator retains full use of the machine.**

Obtain more flexibility, with the Range Extender for up to 6 days of work.**

RANGE EXTENDER IN FEW WORDS :



Opt for a complementary energy source, ideal for worksites without **access to the electrical grid**.



Keep things simple with a generator that is **interchangeable** between models in the PULSEO range*.



Optimize on-site fleet **recharging**.

*Except HA61 LE. **Tests performed according to Peter Hird cycle. The actual machine duty cycle may vary depending on use.



SIMPLIFIED MAINTENANCE FOR GREATER PRODUCTIVITY

DIRECT ACCESS TO COMPONENTS

Machine components are easily accessible:

- Removable hoods for battery access.
- Easy access to hydraulics.

MAINTENANCE-FREE AGM BATTERIES

The HA46 E is fitted with AGM batteries as standard, which require no maintenance during the battery lifespan.

MAINTENANCE-FREE ASYNCHRONOUS MOTORS (AC)

Renowned for their performance, reliability and robustness, asynchronous motors require no routine maintenance.

GUARANTEEING YOUR MACHINES' RELIABILITY

On construction sites, machines can face difficult environments, impacts, overpasses, unstable ground. To ensure the ruggedness of its machines, Haulotte selects quality components and protects electrical and hydraulic components.

5 ESSENTIAL POINTS ABOUT THE HA46 E

1 OPERATE ANYTIME ANYWHERE WITH ZERO EMISSION

- 100% electric drive architecture
- Fully eco-friendly
- Works anywhere: indoor & outdoor in silent mode

2 BOOST YOUR PRODUCTIVITY

- Load capacity up to 660 lb and 5° tilt
- Horizontal outreach of 26.1 ft
- Full day work in electricity mode
- Fast charging thanks to removable Range Extender (option compatible with other PULSEO machines*)

2



3 WORK SAFELY

- Haulotte Activ'Shield Bar
- Haulotte Activ'Lighting System
- Transport handle: operator is safer while loading/unloading

3

4 FACILITATE MAINTENANCE OPERATIONS

- Haulotte Activ'Screen: on-board diagnostic tool
- AGM batteries
- Easy access to components

5 EXTENDED ROUGH TERRAIN CAPABILITIES

- 4 wheel-drive / 4 wheel-steer (PRO model only)
- Mechanical axle with manual differential lock to increase ground traction
- Oscillating axle

5

*Except HA61 LE.



HA46 E / HA46 E PRO: PULSEO GENERATION NEW MODELS

MAIN OPTIONS

- Non-marking tires
- Accelerated charger
- Range Extender
- Range Extender protective hood
- Carrying handle
- Activ'Shield Bar
- Activ'Lighting System
- SHERPAL: Telematic Solutions

- Swing door entry gate
- Large basket 8 ft x 3 ft
- Glazier pack
- Pipe cradle
- Power to platform



	HA46 E	HA46 E PRO
Wheel-drive	4	4
Wheel-steer	2	4
Oscillating axle	-	●
355° turret rotation	●	●
360° continuous turret rotation	-	○
Basket load capacity	660 lb	660 lb
Range Extender	○	○
Range Extender protective hood	○	○
Haulotte Activ'Shield Bar	○	●
Haulotte Activ'Lighting System	○	●
Haulotte Activ'Energy Management	●	●
Haulotte Activ'Screen	●	●

○ option / ● standard / - not available

PULSEO
GENERATION



4001299540-Nov. 2023 - Non contractual document. We reserve the right to modify the technical characteristics of this document without notice. Photo credits: ©Alavia, ©Lionel Soucail, Louis Perrin, ©Haulotte.

HAULOTTE GROUP, 3409 Chandler Creek Road - Virginia Beach - VA - 23453
Tel: 757.689.2146 · Toll Free: 800.537.0540 · haulotte@haulotte.com · www.haulotte-usa.com

Haulotte 
EQUIPMENT