



PULSEO
GENERATION

WARRANTY

HAULOTTE
5 YEAR*

*See conditions in the Haulotte distribution network.

ROUGH TERRAIN ELECTRIC ARTICULATING BOOM

HA16 E - HA16 E PRO
ENERGIZE YOUR PERFORMANCE

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 HA16 E



ELECTRIC POWER FOR THE ENVIRONMENT

EVOLVE WITHOUT CONSTRAINT

Thanks to its 100% electric design, the HA16 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 **HA16 E** and **HA16 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 HA16 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.

OUT

No compromise on rough terrain performance: the HA16 E boasts the same excellent rough terrain capabilities as a combustion-powered machine.

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

IN

Equipped with non-marking tires**, the HA16 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 HA16 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 HA16 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 HA16 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 PULSE0 range*.



Optimize on-site fleet **recharging**.

*Except HA20 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 HA16 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 HA16 E

1

OPERATE ANYTIME ANYWHERE WITH ZERO EMISSION

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

BOOST YOUR PRODUCTIVITY

- Load capacity up to 300kg and 5° tilt
- Horizontal outreach of 7.9m
- Full day work in electricity mode
- Fast charging thanks to removable Range Extender (option compatible with other PULSEO machines*)

2

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

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 HA20 LE.



HA16 E / HA16 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 2,44m
Glazier pack
Pipe cradle
Power to platform

	HA16 E	HA16 E PRO
Wheel-drive	4	4
Wheel-steer	2	4
Oscillating axle	-	●
355° turret rotation	●	●
360° continuous turret rotation	-	○
Basket load capacity	300 kg	300 kg
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

When electric
meets rough terrain

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Haulotte 
EQUIPMENT

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