



Selecting MEWPs for Sustainability

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THE PEOPLE AND MATERIAL LIFTING EQUIPMENT SPECIALIST



Environmental protection

- Engine regulations are more and more restrictive (STAGE 3 → 4 → 5)
- MEWP manufacturers must comply and work closely with engines manufacturers
- LEZ: Low Emission Zone are growing more and more in big cities

*One example is the C40 that groups 40 of the biggest cities in the world that want to address climate change. One of its main goal is **to ban Diesel engines** from city centers in few years.*



How can we can go even further than regulations?

At Haulotte we try to address the following issue

- A worksite is a **loud** and **polluting** Ecosystem.



On-site observations results:

- In average the engine of a MEWP runs uselessly **20% of the time**

Resulting in:

- **Noise, CO² and particle pollutions**
- **Hour meter** is also taking hours unnecessary



Our answer: “a simple system that has direct positive results on health and environment.”



FUNCTIONING

- **Automatic engine stops** after 90 sec of boom inactivation
- **Automatic restart** once the enable pedal is activated
- Fully transparent for the users

BENEFITS

- **Noise & Fuel** reduction of 20%
- Better **resell value** of the equipment
- **Total Cost of Ownership** improved





People's Protection - Transport

Facts

- 95% of the MEWPs are owned by Rental companies
- When it comes to rental equipment “**Transportation**” is a big deal
- Each year in the world there are millions of machines rotations



On-site observations:

We have followed **truck drivers** delivering machines to worksites

Results:

- Most of the time deliveries happened early morning or late evening
- In most of the countries during winter, the light goes down very early
 - Truck drivers have to **load** and **unload** machines at **dusk, dawn or even at night**



Our answer



Multiple integrated lights for a perfect visibility to avoid any inadvertent damages or incidents.

3 modes : **ON** / **OFF** and **AUTO** which detects when the light level is too low.

BENEFITS

- Increase **SAFETY** and **PRODUCTIVITY** for loading and unloading on trucks at twilights hours
- Allow users to **SEE** and to **BE SEEN** while driving on the worksite



3 Step Innovation Process:

- **Study of the MEWP Ecosystem and usages** by a multi-skilled team
- **On-site observations** of users, transportation and rental companies operational difficulties
- **Field test** with customers
 - Launch on the market

Latest Haulotte Innovations





THANK YOU FOR YOUR ATTENTION

**LET'S CREATE SUSTAINABLE RENTAL
COMPANIES**

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