



 **FIMAP<sup>®</sup>**

**F S R**

**Micro Rider Sweeper**

# POSITIONING

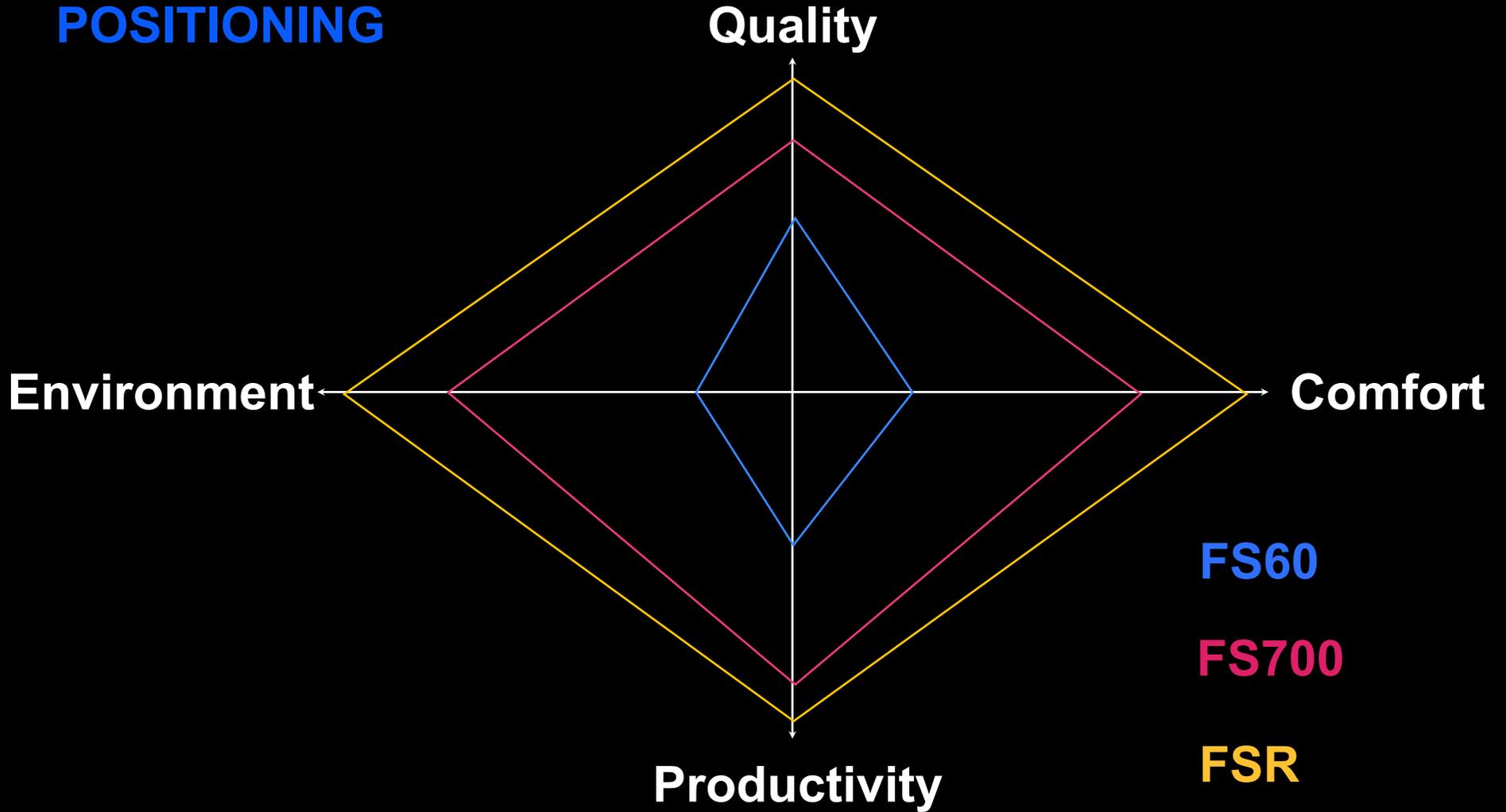


**FS60**



**FS700**

# POSITIONING



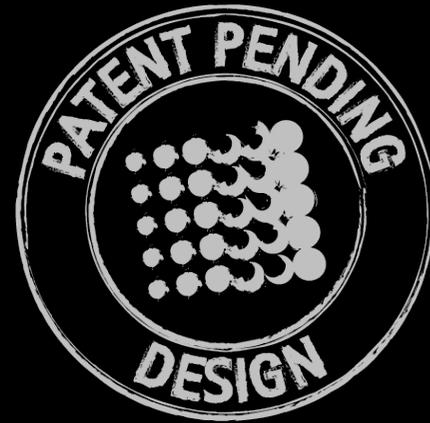
**FSR**

**DESIGN**



**DESIGN**

**Details**



**DESIGN**

**Details**



**DESIGN**

**Details**



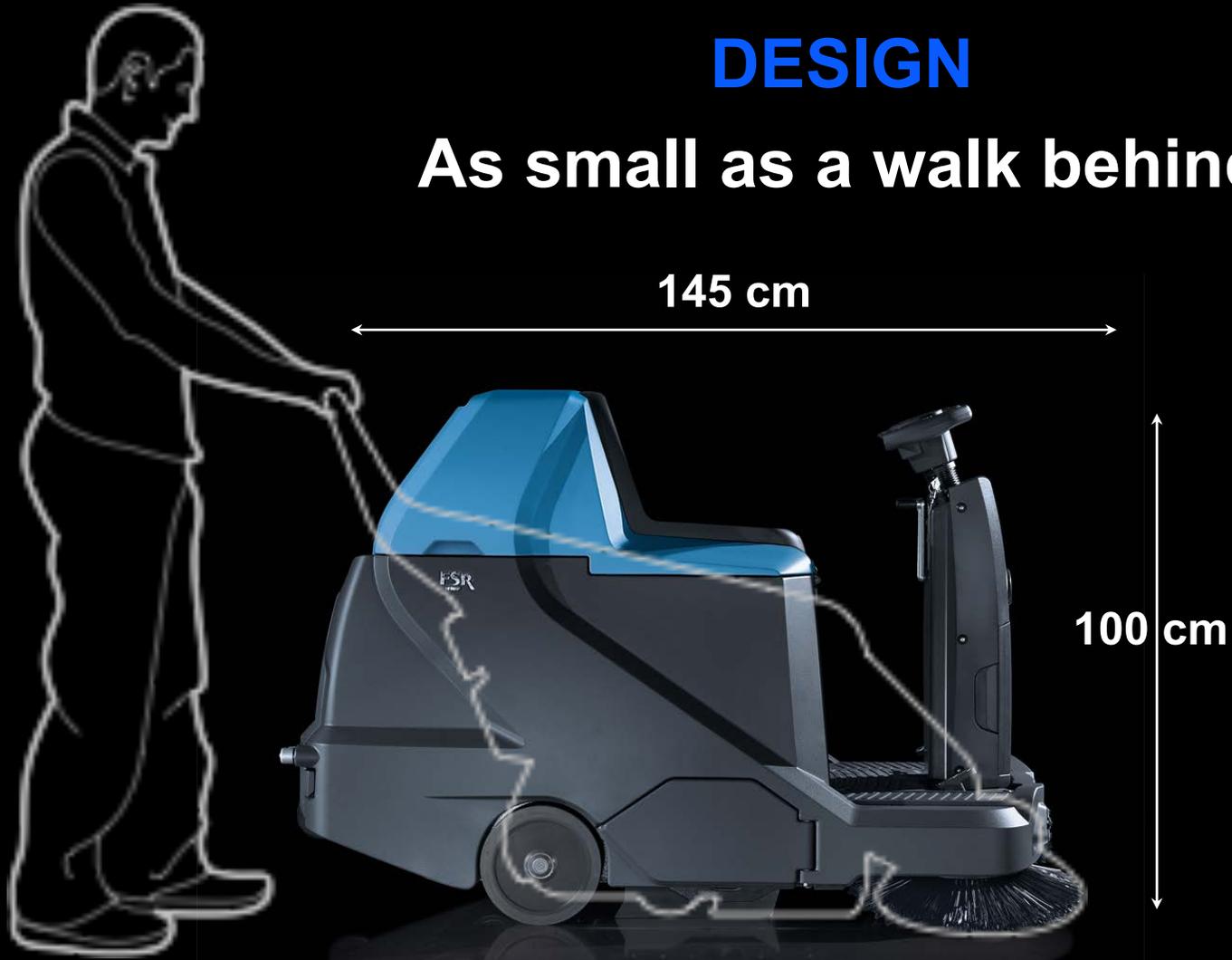
# ROBUSTNESS

Protected components



# DESIGN

As small as a walk behind



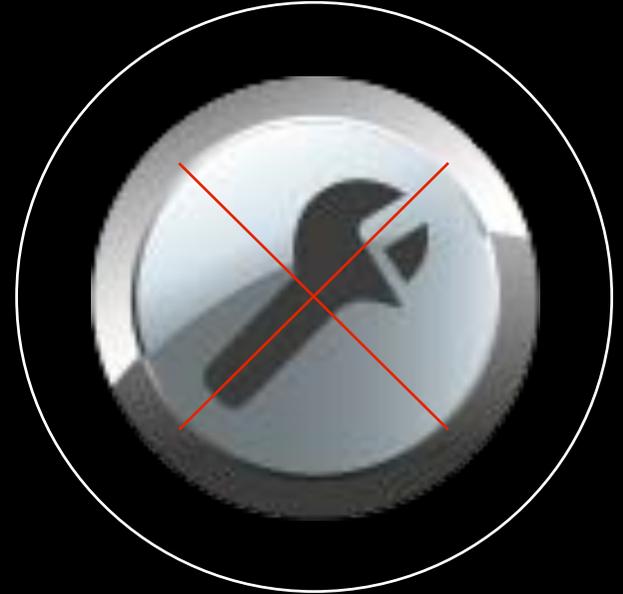
# ERGONOMICS



**Low footboard**



**Steering wheel  
controls**



**Tool free**

# QUALITY

**Reliable  
hardware  
and software**

**New productive  
technologies**

**New materials**



**QUALITY**

**58,5 %**

**Industrialization index**



# DESIGN

**Appealing**  
**Robust**  
**Compact**  
**Ergonomic**  
**High quality**  
**Patented**

**FSR**

**USER INTERFACE**



**The  
same as  
Mxr**

# STEERING WHEEL CONTROLS

Filter shaker

Driving control

Horn

Vacuum

Side brush

Central brush



## USER INTERFACE

**Easy**  
**Multifunction**  
**Efficient**  
**Breakdown traceability**



# USER FRIENDLY

**Steering wheel controls**

**Multifunction**

**Efficient**

**Traceable**



**FSR**

**TECHNOLOGIES**

# **TECHNOLOGIES**

## **“START&STOP”**

**Automatic ON/OFF for:**  
**Central brush**  
**Side brushes**  
**Vacuum**

# **TECHNOLOGIES** **“POWER BOOSTER”**

**All the mechanical transmission devices have  
been taken off to achieve more efficiency:**

**More powerful performances**

**+ 45% energy saving**

**No maintenance**

# TECHNOLOGIES



Energy consumption

**“START&STOP”**

- 8%

**“POWER BOOSTER”**

- 37%

**FSR**

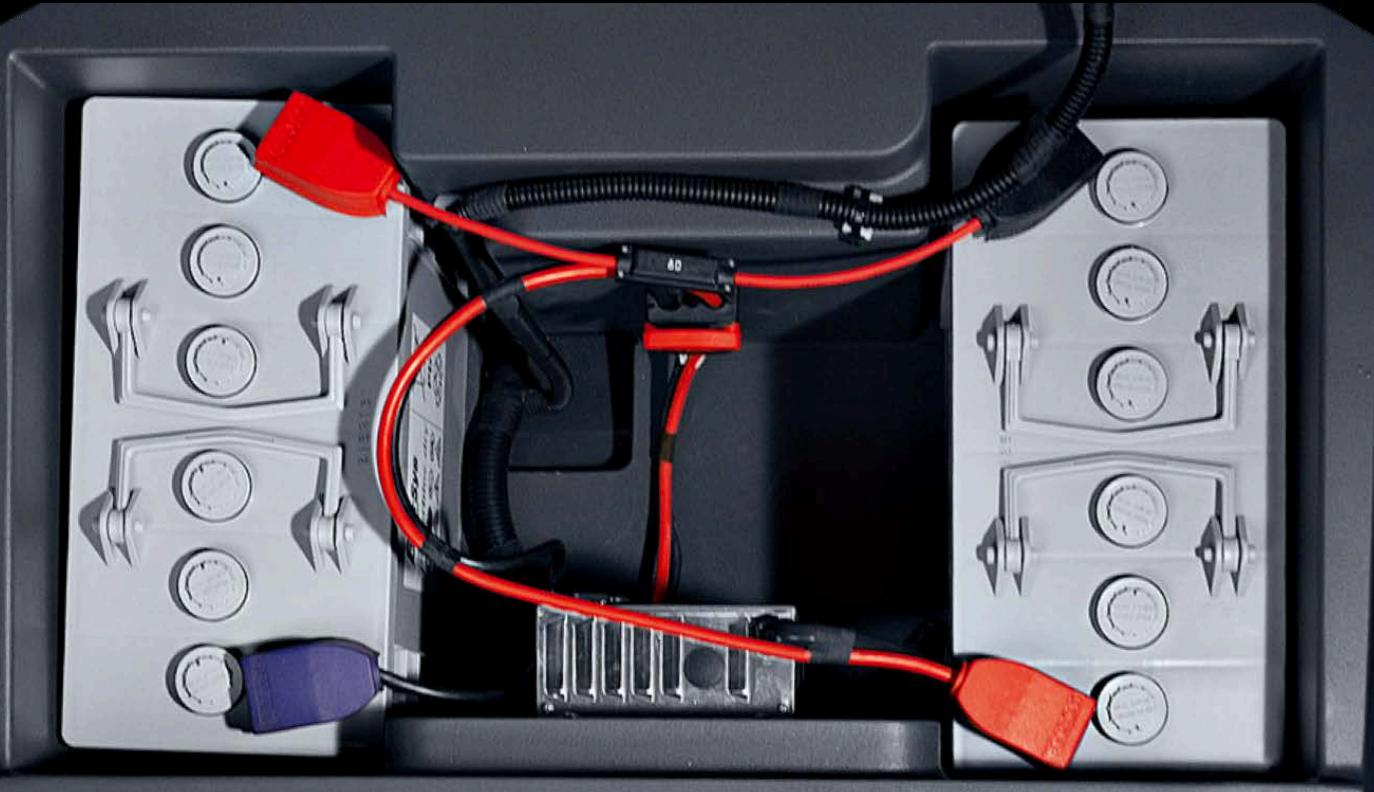
**PERFORMANCES**

# PERFORMANCES



**FAST**  
**6 km/h**

# AUTONOMY



**5 h**



**SAFETY**

**Emergency  
Stop**



**Powerful filtering**

# PERFORMANCES



**Speed**

**Productivity**

**Autonomy**

**Safety**

**Powerful vacuum**

**Powerful filtering**

**FSR**

**ENVIRONMENT**

# ENVIRONMENT



**80,5% of recyclable materials**

# ENVIRONMENT



**- 45% Energy consumption**

A scenic landscape featuring a calm lake in the foreground, a dense forest of evergreen trees on the left and middle ground, and misty, layered mountains in the background under a bright sky. The right side of the image is overlaid with a dark gradient where the text is placed.

# ENVIRONMENT

**Recycling  
Energy  
consumption  
(PM10) Fine dusts**

# DESIGN



# DESIGN

145 cm



100 cm

# DESIGN



100 cm



**One Last Thing ...**

**FSR**  
**HYBRID**

**Fimap reinvents the sweeping machine**





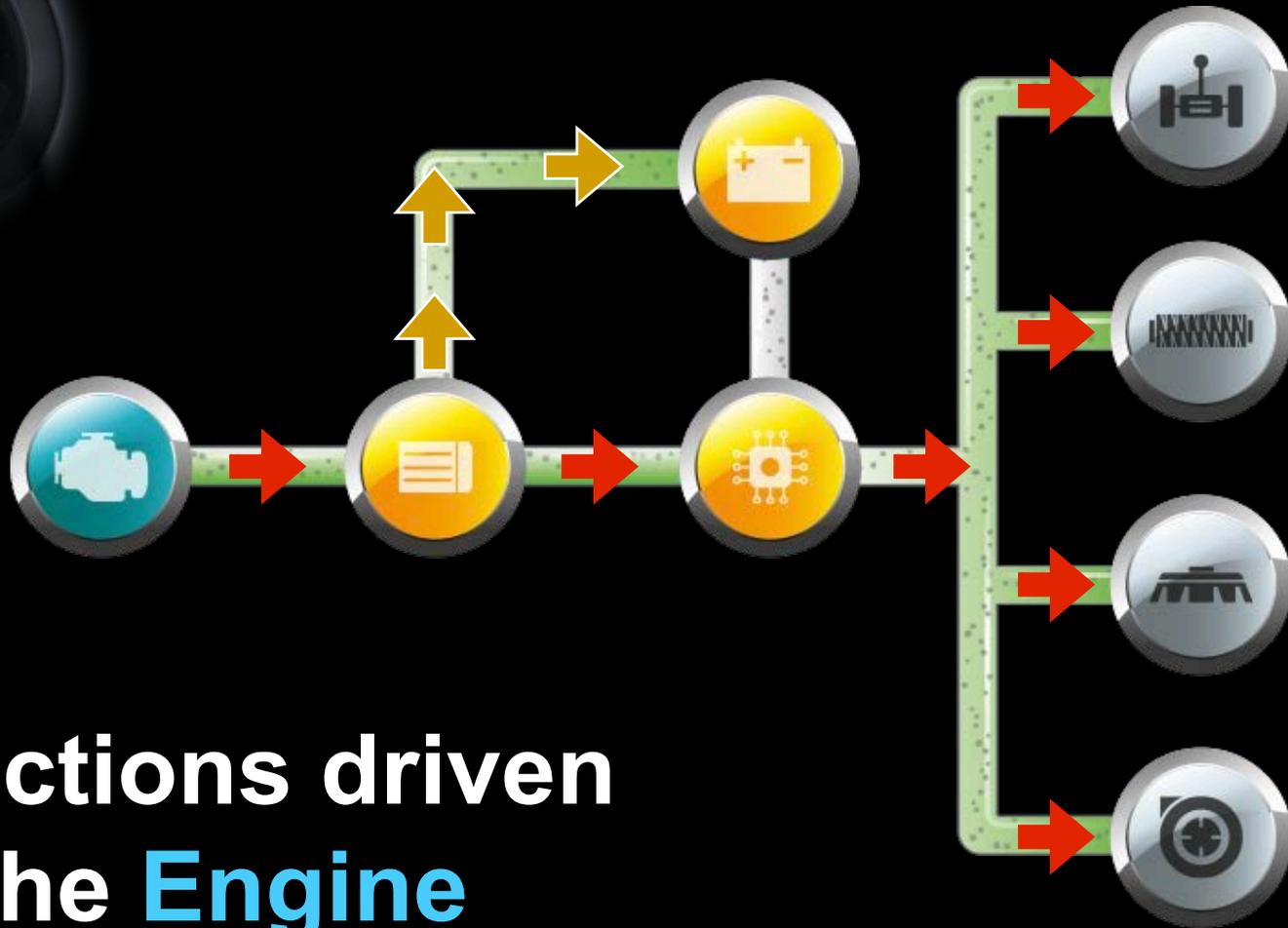


# PERFORMANCES



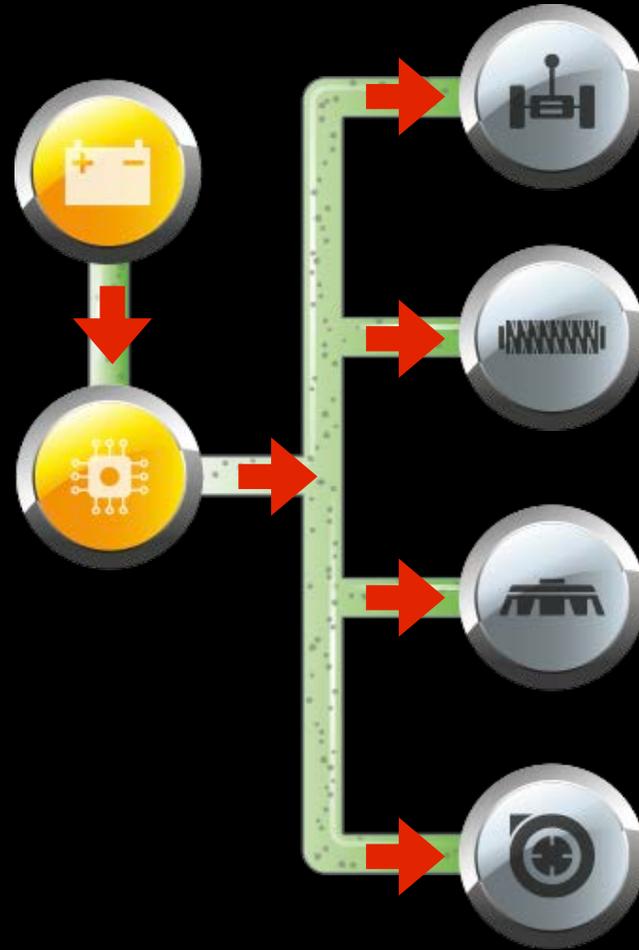
**For indoor and outdoor use**

**+114% Productivity**



Functions driven  
by the **Engine**

# Functions driven by the **Batteries**



# Working cycle



**Autonomy 7,5 h**

**CO2 produced per sqm cleaned 0,25 gr/sqm**

# Working cycle



**Autonomy 3 h**

**CO2 produced per sqm cleaned 0,81 gr/mq**

# ENVIRONMENT



**CO<sub>2</sub>**  
reduced by  
**69%**