

The robot uses AI and the TeroAir app to monitor performance and environmental data, securely stored in the cloud.



**Discover our website:** pek-agrobot.com

# Autonomous Robot for Vineyards

Small & Compact

Save time. Cut costs. Increase efficiency.

# **GRASSFIGHTER**

all-in-one-solution









#### GNSS ON/OFF

Now we also support GNSS RTK (optional with GNSS and only on GNSS)



It can operate effectively on high slopes of up to 42 degrees.

#### 

- · Onboard voltage: 48V
- · Operating time: 8 to 14 hours
- · Charging time: 8 hours





#### **NO LABOR WORK**

Eliminate manual labor, boost efficiency, and save time.



#### **COST-EFFECTIVE**

Cut operational costs by up to 3x compared to conventional methods.



#### VINEYARD PRECISION

Targeted, specialized operations for healthier vines.



#### **DIVERSE TERRAINS**

Reliable, consistent results across diverse terrains and plantations.



NARROWER ROWS (≥ 1,7 M)





INTEGRATED TOOLS



#### **POWER HARROW**

A ground cultivation system for precise soil aeration and efficient weeding around trunks.



# HORIZONTAL & VERTICAL CUTTER

Prunes branches in both vertical and horizontal orientations.



#### **DRUM MULCHER**

Chips branches, grass, and flowers for effective branch cutting. Branches are mulched at the front and then compressed by the machine's track.

### **SPRAYER**

### **Advantages**



The Sprayer delivers even and effective coverage without streaks. Its dual-sided design ensures optimal performance, providing consistent results even in strong wind conditions.



1 operation - SPRAYING



Real time weather-based spray scheduling



High spray quality is maintained regardless of fan speed or pressure.



Fan elevation and angle adjust for trees up to 4 meters



Precision Spraying regardless of wind or conditions



Adjustable Liquid Use with a minimum of 150 liters/ha



**Discover our website:** pek-agrobot.com



info@pek-agrobot.com +386 (0)40 475 072



