



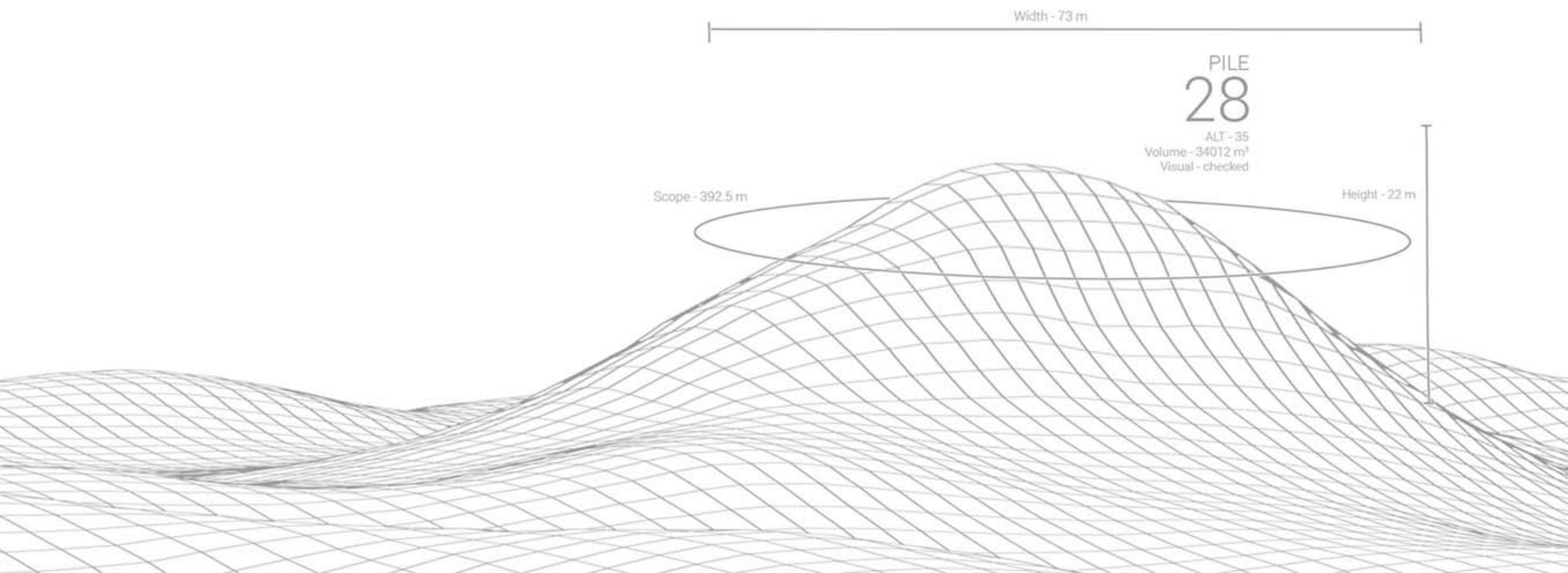
AIROBOTICS

# SURVEYING & MAPPING

## A NEW ERA FOR SURVEYING AND MAPPING

With a clear understanding of the challenges involved with surveying and mapping industrial environments, and the time consuming, difficult and often dangerous task these professionals face, Airobotics has developed a platform that

provides surveyors and mappers with a professional tool for collecting unlimited aerial data and providing more precise measurements, while saving time, money and manpower.



## SIMPLER, SAFER SURVEYING

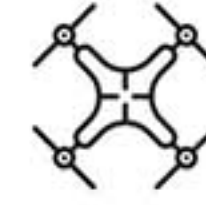
By creating a completely autonomous surveying and mapping platform, Airobotics eliminates both the logistics of drone operations, and the human labour required for collecting data at industrial sites. This safe, precise and cost-efficient solution provides scheduled and on-demand aerial data collection and premium processing and analytics capabilities, supporting critical processes such as stock pile volume measurements, terrain mapping, site planning and more.

Adhering to the demanding requirements of the profession, this solution simplifies the surveying process with pre-defined missions, automatically deploying and landing the drone, analyzing the aerial data, and creating highly accurate, best-in-class orthophotos and digital elevation models.

The invaluable insight collected and analyzed by the platform provides a foundation for informed planning, decision making and risk management, all contributing to the bottom line.

## REVOLUTIONIZING DRONE OPERATIONS

To address the unique needs of the world's most complex industrial environments, Airobotics has developed a platform that is:



**Fully Automatic**  
Self-deploying, landing and servicing – no operator required



**Industrial Grade**  
Durable, weatherproof and corrosion resistant



**Scheduled & On-Demand**  
Always ready to deploy, with a 1-click launch and pre-scheduled missions



**Multi-Purpose Applications**  
Use various swappable payloads to support diverse applications

## SUPPORTING YOU IN THE AIR, ON THE GROUND AND THROUGHOUT THE ENTIRE OPERATION

With the desire to seamlessly and effortlessly connect users to the aerial data they need, Airobotics has developed a comprehensive end-to-end service plan. Covering the entire gamut from regulatory aspects, through in-depth site surveys, implementation,

customization, continuous service, and routine maintenance visits, to periodic system upgrades that ensure users get the most up-to-date platform available, our fusion of service and technology allow us to deliver a tailored solution that addresses the most challenging surveying needs of complex industries.

### MULTIPLE MISSIONS, ONE PURPOSE – DELIVERING ACTIONABLE INSIGHTS



1 User selects a pre-planned scheduled or on-demand mission, designed to scan areas throughout the site

2 Drone harvests data along flight paths



VOLUME  
2117m<sup>3</sup>  
AREA  
PERIMETER



4 User receives analyzed data that supports critical operations



3 Data collected from the Optimus drone is processed into final digital elevation models and other file types

