

T50

Pliabot® Aerial Tethered Cleaning System

600m²/h 12MPa (Default) Pressure Washing

Tethered Continuous Operation

Multi-angle and Multi-scene Coverage



Pliabot® Aerial Tethered Cleaning System

The Pliabot® Aerial Tethered Cleaning System is compatible with drones with a payload of 3-10kg (6-22lbs). It offers an efficient and versatile high-pressure aerial cleaning solution for various scenarios, including building exteriors, solar panels, insulator strings, and tall structures.

Efficiency | 600m²/h 12MPa Quick Power Washing, Supports Continuous Operations, Max support 20MPa



Supports Tethered Water Supply Operations

Enables long-duration and continuous operation.



20MPa Maximum Pressure

Quickly clean up hard-to-remove stains.



600m²/h Quick Cleaning

Utilizing pliable gimbal, the operation rod can be adjusted vertically within a +10°~ -50° range, enabling quick cleaning while hovering, covering an area of 600m² (6,458 ft²) per hour.



Quick Installation

Compact design for easy transport and setup; slide-in interface for 1-minute deployment.

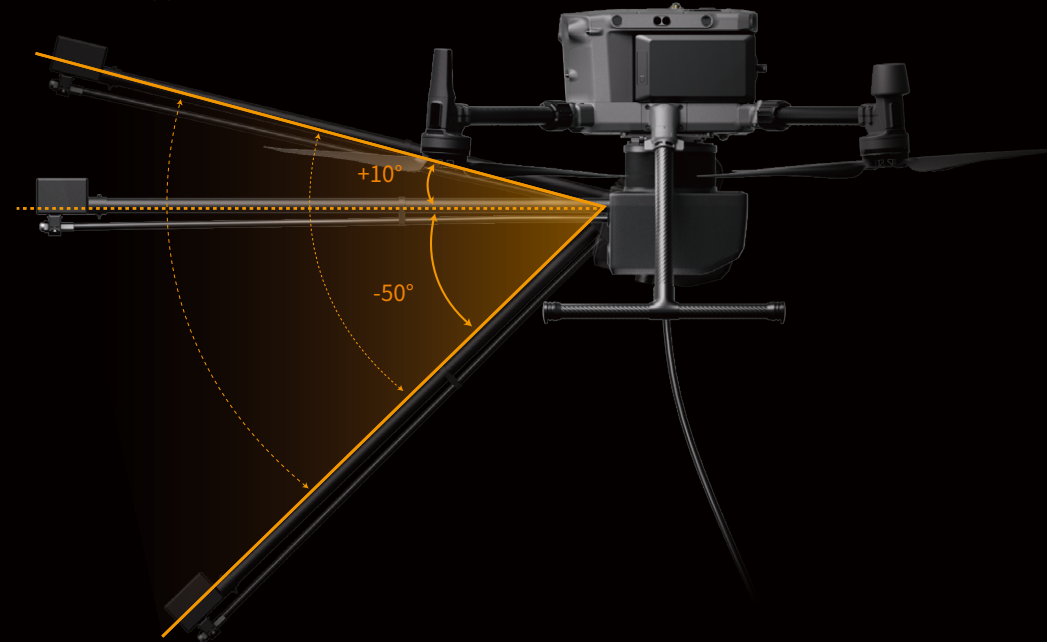


Seamless Flight Control Integration

Fully integrated with flight system for single-operator to control both navigation and spraying tasks.



720P Fixed Focus Camera



Versatility | Suitable for Narrow Spaces with Adaptable and Highly-flexible Nozzles



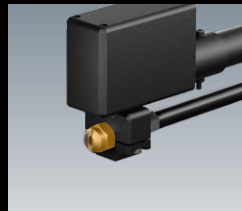
Fits 3-10kg (6-22lb) Payload Drones

Compact and lightweight design allows navigation and operation through narrow spaces.



High-altitude Stable Operation

45m (147ft) max flight height, meets various high-altitude cleaning needs.



Modular Nozzles

Adapts to various tasks with the best-suited nozzle, meeting the needs in different scenarios.



Multi-angle Coverage for Complex Surfaces

Easily cleans bottom and top surfaces through adjustable operation rod.

Safety | Replaces Manual High-altitude Operations



Replacing Manual High-altitude Operation

Remote operation eliminates risks associated with manual high-altitude tasks.



Adaptive Balance

Pliable gimbal can adaptively eliminate sway caused by lateral operations and effectively counteract flight interference from spray recoil, ensuring operational safety.



Laser Real-time Distance Detection

The detection module displays real-time operational distance for stable and optimal spraying, with a maximum effective range of up to 3 meters (9.8 ft).