



M and MT Series Multi-scenario

Carbon fibre structure: The carbon fibre construction provides a strong, lightweight and durable structure, ensuring that the drone can withstand harsh conditions during firefighting and transport missions.

8K UHD video capture: With 8K UHD video capture, the drone delivers ultra-high-definition imagery, providing clear and detailed visual data for critical missions and analysis.

41,000mAh battery capacity: The high-capacity 41,000mAh battery ensures extended flight times, allowing for longer operational periods without frequent recharging, which is crucial for continuous missions.

Wide payload range for multi-scenario use: Offers 5 models with different high payloads, covering small to large-scale agricultural operations. Equipped with various types of spray nozzles, it is perfectly suited to pesticide spraying, seeding, fertilisation and other field tasks.

Powerful endurance and stable performance: Equipped with high-capacity 14S batteries ranging from 20,000 to 45,000 mAh, enabling 28 minutes of hovering without payload and 7 to 10 minutes of hovering with payload. The flight speed of 1.12 m/s and spray width of 8.20 m ensure efficient agricultural operations.

Advanced safety and intelligent control: Integrated omnidirectional radar to avoid obstacles at the front and rear and follow the terrain. The integrated flight control system enables stable hovering and take-off and landing capable of withstanding force 6 winds, ensuring safe operations in complex agricultural environments.

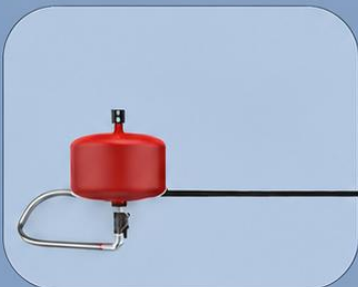
Efficient spraying system for wide coverage: features centrifugal nozzles with a flow rate of 4 to 8.35 L/min, enabling uniform and precise application of pesticides. The spray width of 8 to 25 mm significantly improves the efficiency of field operations compared to traditional manual methods.

Reliable supply chain and customised service: Direct supply from the factory, combined with a proven production line, ensures rapid delivery. Supports customisation of battery capacity, spray system configuration and chassis size to meet the varying scale and operational needs of agricultural businesses.





Fire Exinction Module



Powder fire extinguisher
reservoir



Powder fire-extinguishing
grenade

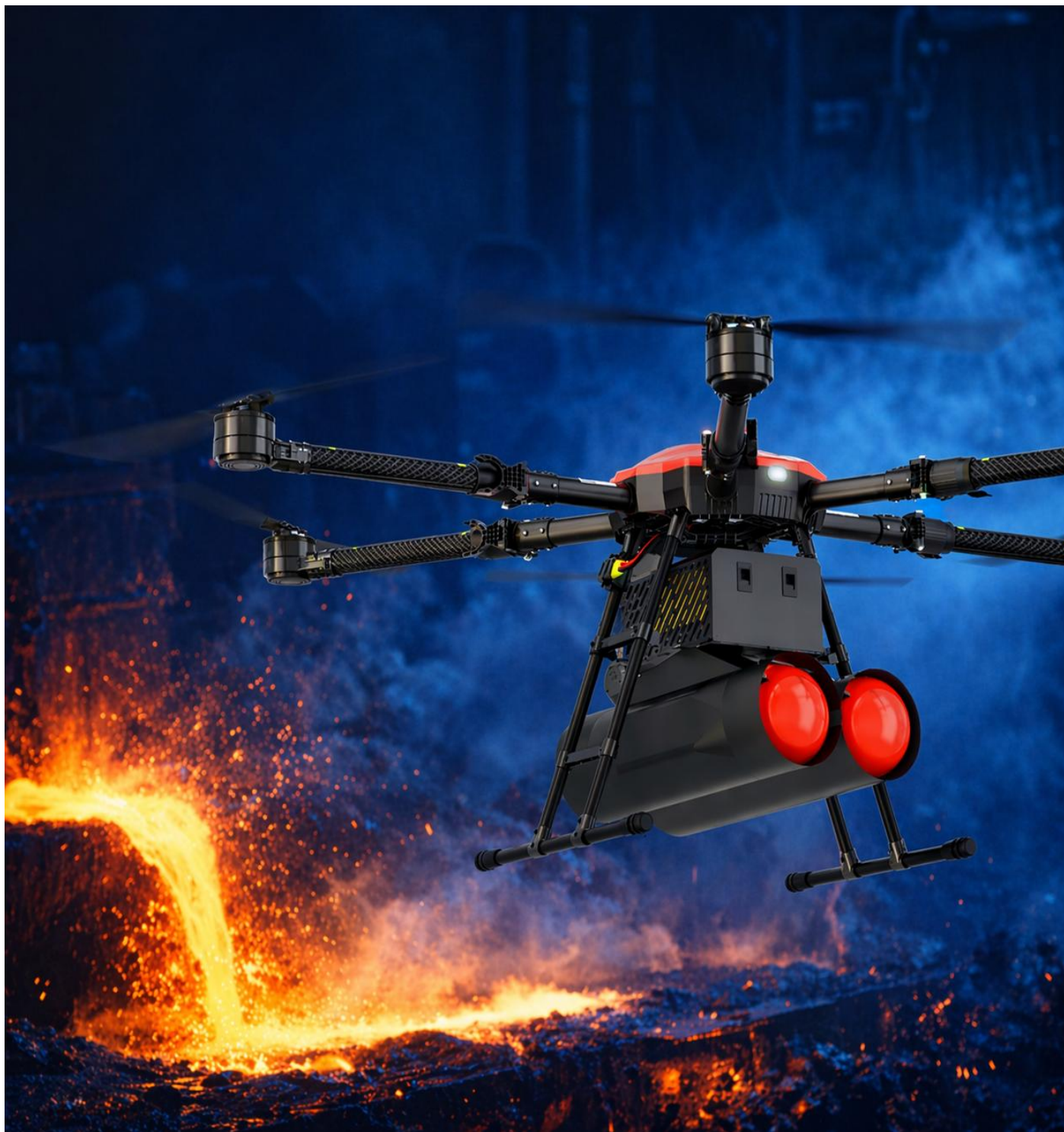


Water fire-extinguishing
bomb



Grenade launcher
anti-break





Transport & Recovery





Fire
emergency



Law
enforcement
application



Supplies
transport



Heavy load
transport

Transport & Recovery



Transport & Recovery

MT50 Industry Series Drone

INDUSTRY SERIES UAV



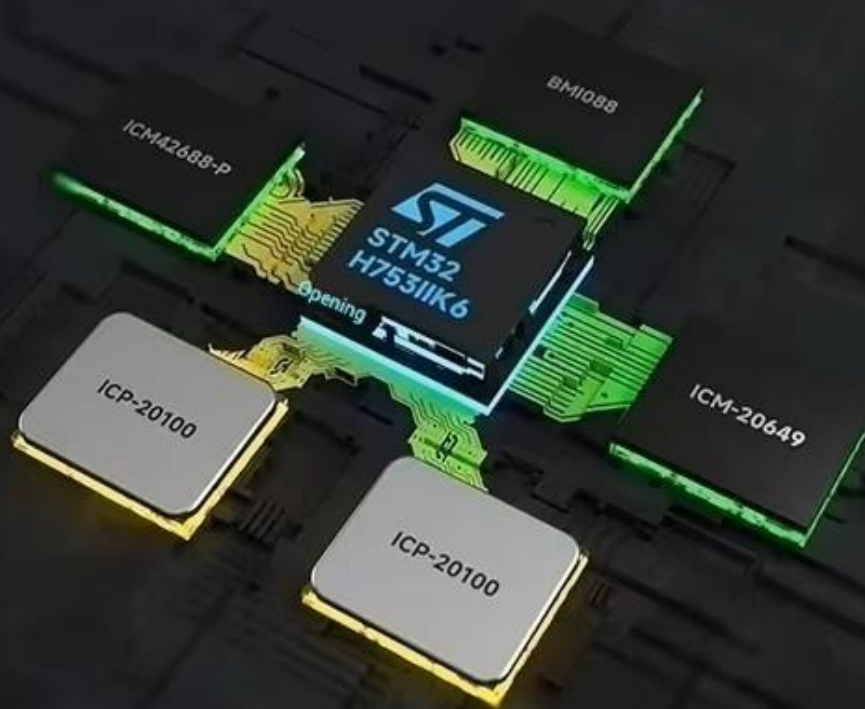
Suitable for heavy lifting, firefighting, material transportation, and other fields

Features

Industry-level flight control system

Multiple Redundancy Design Ensure flight safety

Triple redundant IMU and dual redundant barometer design, when one IMU fails, the system seamlessly switches to another reliable IMU for safer flight



Powerful Motor

Propeller made of UltraCarbonPro special carbon fiber composite, extremely lightweight with excellent strength and stiffness. Aerodynamic design, combined with co-optimized motor electromagnetic design, delivers higher efficiency, faster response, and longer flight time.



Efficient Cooling

T-series classic centrifugal air-cooled system with built-in high-efficiency heat sink array. Large-area heat sinks with rotor flow field further enhance cooling efficiency. Excellent heat dissipation ensures system reliability, handling continuous operation even in high temperatures.



Secure Protection

To address harsh environments in industrial applications, structural and process designs feature structural sealing with secondary potting compound sealing for excellent waterproof performance. The motor uses a bearing system seal, allowing direct flushing and maintenance in practical use, ensuring safe, reliable operation and easy maintenance.





- **15KM Wireless Digital Video Transmission with Dual HD Real-time Display**

This link is built on Yihang Tech's self-developed wireless HD video transmission technology, integrating remote control, data, and image links. It features adaptive frequency band, automatically switching to the least interfering working frequency band.

Additional Options

Additional Payloads

Meeting the needs of different scenarios



30x Optical Zoom
Module



Dual Thermal
Imaging Module



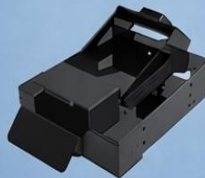
Visible Light and Infrared
Distance Measurement Module



Four-Sensor PTZ Tracking
and Distance Measurement Module



Loudspeaker and
Lighting Module



Leaflet Distribution
Module



Interception Net
Launcher Module



Smoke Grenade
Launcher Module



Maximum
Versatility



Enhanced
Security



Quick
Installation



Lightweight and
Compact Design



Compatible with
Various Scenarios



Operational
Reliability

Application Scenario



City Firefighting



Forest Fire Fighting



Material
Transportation



Counter-Terrorism
Drills



Firefighting Drills



Military drill