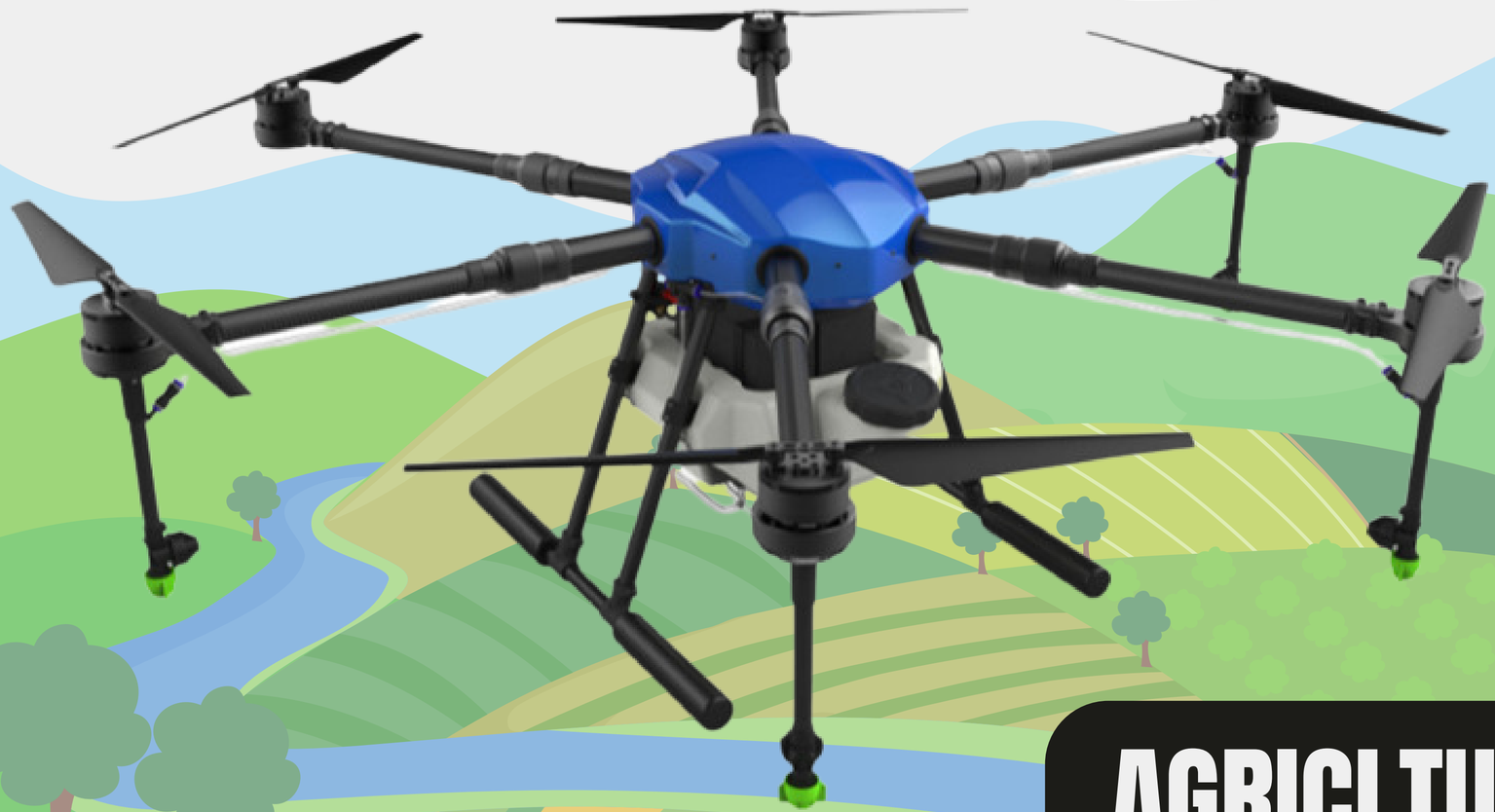
XBOOM
Gadgets Reloaded !



AGRICLTURE SPRAYING DRONES

Explore the Most Popular Agri-Tech

www.xboom.in

FREE DRONE PILOT TRAINING

Xboom Utilities

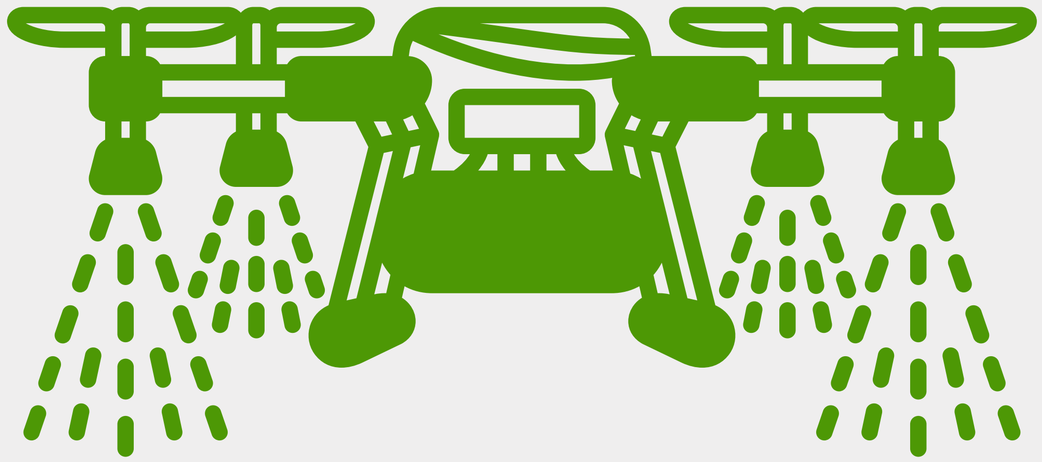
Xboom Utilities is a drone consulting, supply, and services company headquartered in Bangalore, India, with a branch office in Delhi. Our core focus is on providing customized drone solutions to corporates and industries, with a special emphasis on after-sales service and assistance. We are committed to empowering our clients with the latest technological advancements in the field of unmanned aerial vehicles, enabling them to streamline their operations and enhance their productivity.

Types of drones We Deal

1. Heavy Payload Drones
2. Spraying Drones
3. Survey & Inspection Drones
4. Surveillance & Multi-purpose drones

Our Clients

Media Coverage



How Drones are helping farmers in addressing their problem statements ?

Problem

Inefficient and Labor-Intensive Spraying

Traditional manual spraying methods are often time-consuming, labor-intensive, and may lead to uneven distribution of pesticides or fertilizers.

Pesticide Overuse

Improper application of pesticides can lead to overuse, negatively impacting the environment and increasing production costs.

Accessibility in Challenging Terrain

Some agricultural areas in India may have challenging terrain or difficult accessibility, making it hard for traditional spraying methods.

Drone as a solution

Spraying drones can cover large areas efficiently, ensuring uniform application of pesticides, herbicides, and fertilizers. This reduces the need for manual labor and increases overall efficiency.

Drones equipped with precision spraying technology can target specific areas, minimizing pesticide use and reducing the environmental impact..

Drones can navigate difficult terrains and reach areas that are challenging for conventional spraying equipment, ensuring complete coverage of the fields.

Problem

Crop Damage During Spraying

Manual spraying may result in crop damage due to trampling or physical contact with plants.

Reducing Exposure to Harmful Chemicals: Human Health

Manual spraying exposes farmers to potentially harmful chemicals present in pesticides.

Optimizing Resource Use: Timely Application

Inaccurate application of inputs can lead to resource wastage, increasing production costs, also spraying may face delays due to labor shortages or unfavorable weather conditions.

Drone as a solution

Drones fly at a safe altitude and use precision technology to spray without physical contact, minimizing the risk of crop damage during the spraying process.

The use of spraying drones reduces direct exposure of farmers to pesticides, promoting safer working conditions and protecting human health.

Spraying drones equipped with sensors can optimize the use of inputs by adjusting spray rates based on real-time data, leading to resource efficiency.and timely application

SPRAYING DRONE

HIGHLIGHTS

38 Kg

Maximum Takeoff Weight 38 Kg

GPS hover, pointing flight & automatic route flight function

Long Endurance, Suitable for a wide range of crops

200ft Altitude

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Hexacopter

Product Discription

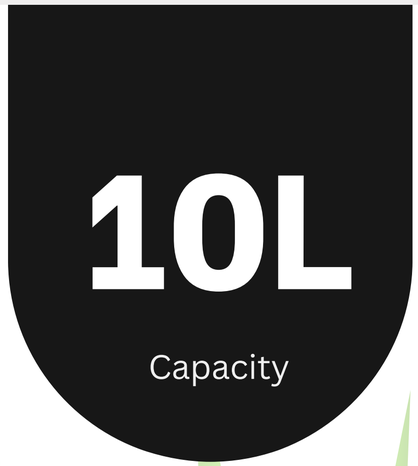
- The Hexacopter | Agri-drone serves the main purpose of pesticide spraying.
- Manual & Autonomous flight Modes
- The Hexacopter has a hovering time of 13-17 minutes with a load.
- The Hexacopter has a water tank of 10/16 liters, which completes the process of pesticide spraying in an area of 1-2 acres, has a working temperature of 0 to 50 degrees Celsius.
- The drone has an inbuilt Lipo battery of 16000 MAH and 6 inbuilt motors of 180KV power each. The height at which the Hexacopter does the drone spraying is 1.2 meters to 4 meters.

Extra Accessories

Seed Spreader

Technical Specifications

Tank Capacity	10 Liters
Actual Transmission Range	7 km
Max Take-off Weight	25kg
Flight time	13-17minutes
Flying Modes	Manual & Autonomus
Coverage Rate	7-8acers/hour
Spraying Width	3-4 meters
Nozzle Type	T-JET Nozzles
No.of spraying Nozzles	4 spraying Nozzles
Max. Flying Altitude	45m
Flying Speed	1-10m/sec
Frame Type	Foldable Frame
Frame weight	12kg



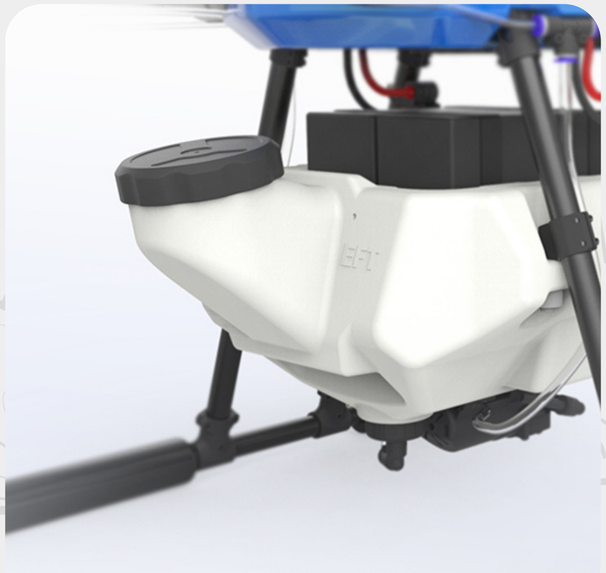
Technical Specifications

Tank Capacity	16 Liters
Actual Transmission Range	7 km
Max Take-off Weight	35kg
Flight time	13 -17 minutes
Flying Modes	Manual & Autonomous
Coverage Rate	8-10 acres/hour
Spraying Width	4-5 meters
Nozzle Type	T-JET Nozzles
No.of spraying Nozzles	4 spraying Nozzles
Max. Flying Altitude	60m
Flying Speed	1-10m/sec
Frame Type	Foldable Frame
Frame weight	17kg

16L

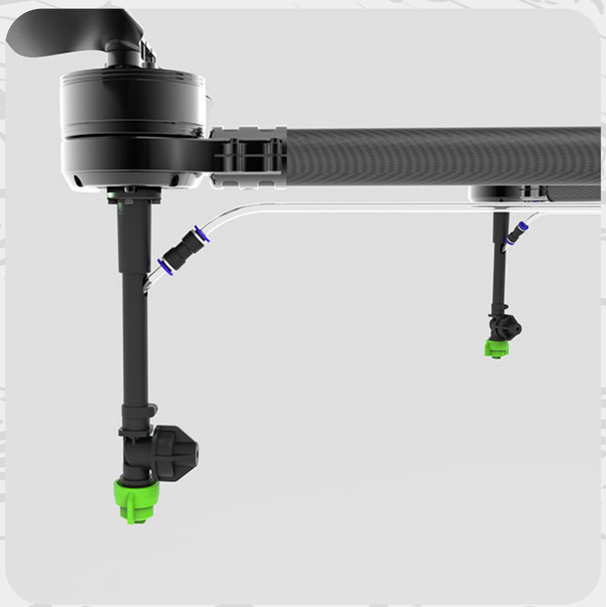
Capacity

Drone Body Features



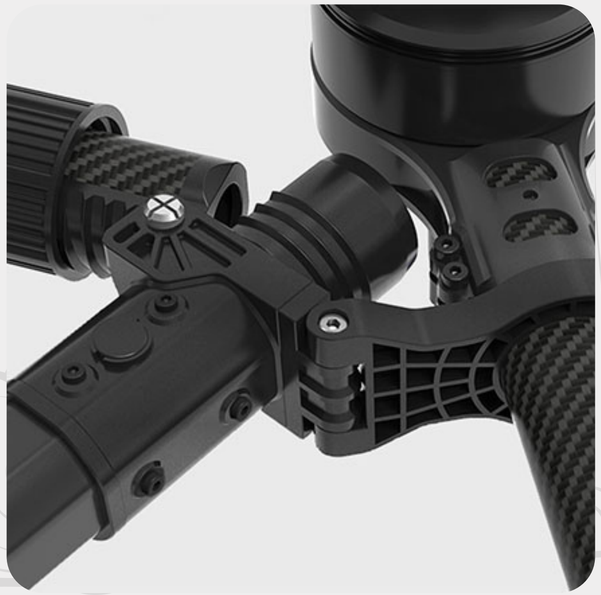
High Capacity Water Tank

Durable and Lightweight Construction, Secure and Leak-Proof Design.Quick Refill Capability.Optimized Shape for Aerodynamic Efficiency. UV-Resistant Material



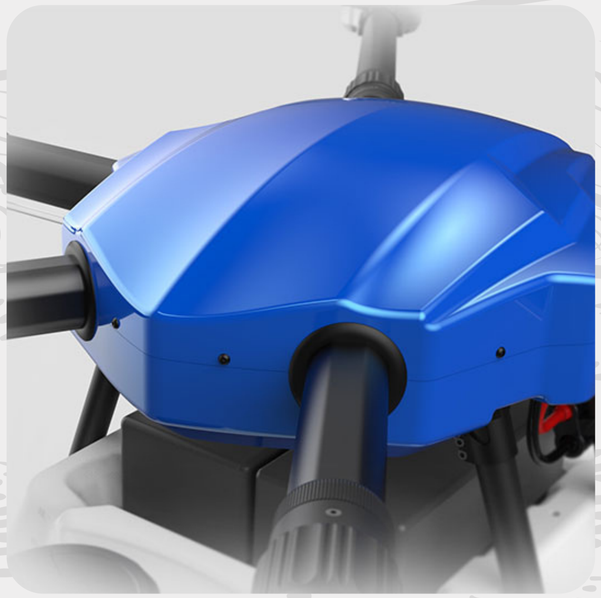
Anti-collision Extension Nozzle

Extend the nozzle length and seamlessly integrate it with a supple silicone connector, offering a robust solution to safeguard against external forces and potential breakage.



Foldable & Compact

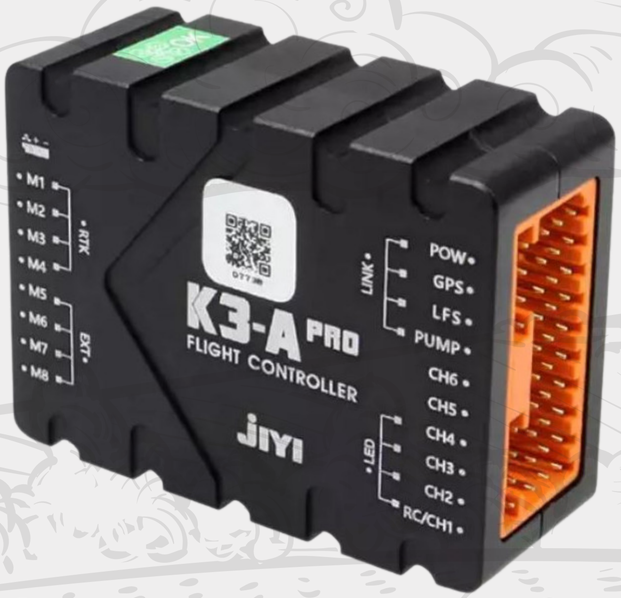
This design not only streamlines the carrying process but also safeguards the drone, ensuring it arrives at its destination in optimal condition.



Waterproof Body

It is overall waterproof, can be washed directly with water.

Flight Controller Features



Advanced Flight Control Algorithm:

The K3 Pro incorporates state-of-the-art flight control algorithms, enhancing stability and responsiveness during spraying operations, even in challenging environmental conditions.

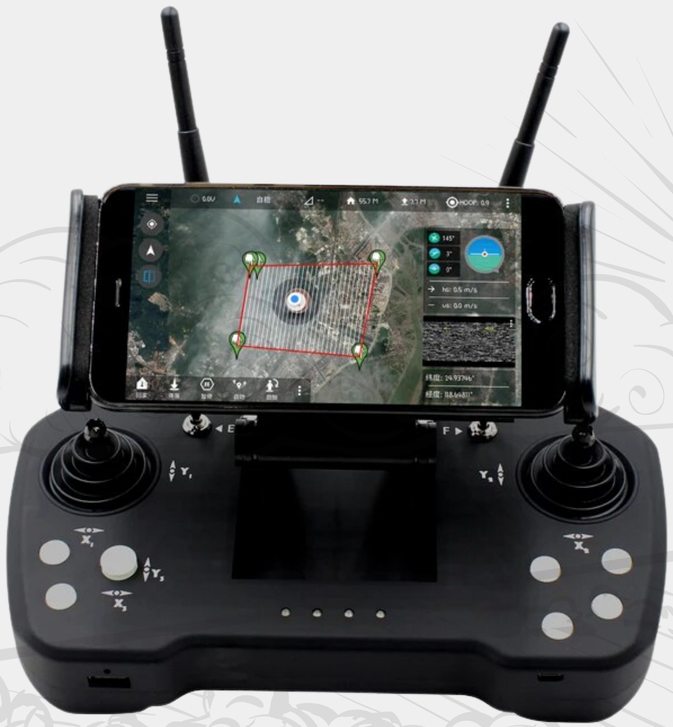
Integrated GPS for Precise Navigation:
Harness the power of precise GPS navigation to ensure accurate positioning and waypoint tracking, allowing you to map out spraying routes with unprecedented precision.

Automatic Spray Path Planning:
The K3 Pro's intelligent software enables automatic path planning for spraying, optimizing coverage and minimizing overlaps for efficient use of spraying resources.

Customizable Waypoints and Geofencing:
Tailor your spraying missions with customizable waypoints, allowing you to adapt to the unique layout of your fields. Geofencing features enhance safety and control.

Adaptive Flight Modes:
The K3 Pro offers adaptive flight modes catering to various spraying scenarios, providing flexibility and adaptability to diverse agricultural landscapes.

Remote Controller Features



Optimized for Precision Spraying:
The T10 controller's 10 channels are finely tuned for precise control over every aspect of your agricultural spraying drone, ensuring accurate and efficient application.

2.4Ghz Frequency Stability:
Operate with confidence using the stable 2.4Ghz frequency, minimizing interference and maintaining a secure connection between the controller and the spraying drone.

Extended Range for Comprehensive Coverage:
Experience extended operational range, allowing you to cover large agricultural fields with ease and efficiency, ensuring thorough spraying coverage.

User-Friendly Interface for Intuitive Operation:
The T10's intuitive user interface is designed for simplicity without compromising functionality. Easily navigate and control your spraying drone operations.

Responsive Joysticks for Precision Maneuvering:
The T10 features responsive joysticks and controls for precise maneuvering, enabling accurate application of pesticides, herbicides, and fertilizers.

Telemetry Display for Real-Time Monitoring:
Stay informed during spraying operations with the built-in telemetry display, providing real-time data on altitude, battery status, and GPS coordinates.

Extended Services We Offer

Anual Maintenance

Insurance

Drone Pilot Deployment

Extended warranty

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Max Your ROI

1. Reduced Labour Dependency

Automate and streamline spraying operations, reducing the need for manual labor and associated costs.

2. Better crop quality & Reduced Damage

Precision application minimizes over-spraying and reduces the risk of crop damage, ensuring optimal crop health and yield.

3. Faster Operation-- Save Time

Cover large areas quickly, allowing for more frequent and timely spraying, contributing to improved crop health.

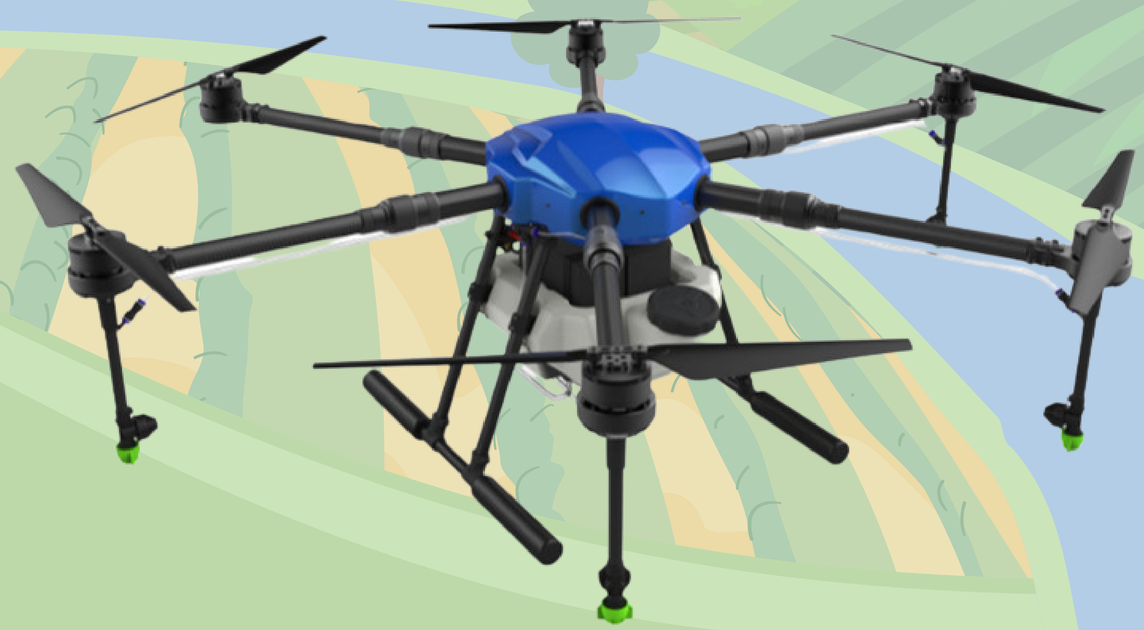
4. Adaptability to Terrain

Navigate challenging terrain, ensuring that all areas of the field receive proper treatment, improving overall yield.

Revolutionize Your Harvest

Unleash Precision, Boost Yields, and Slash Costs with Our Agri Drones

Powering Tomorrow's Agriculture, Today!



www.xboom.in

Contact Us Today !

Xboom Utilities
#330, 27th Main, HSR Layout,
Bangalore-560102

+91-84478 31821

hello@xboom.in

www.xboom.in