

# AGRICULTURE DRONE

# Kisan Drone - V10



- ✓ Comprehensive Support PAN India
- ✓ Competitive Price
- ✓ DGCA TYPE Certified Drones

Contact Now

Book For Demo



CONTACT FOR MORE INFORMATION

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[www.vaimanikaerospace.com](http://www.vaimanikaerospace.com)

We deliver unmatched performance, from precise crops spraying to advanced Agricultural Innovation

## WHY DEMAND FOR AGRICULTURAL DRONES IS RISING



**10x Faster and  
More Accurate  
Than Traditional  
Methods**



**Saves Up to 90%  
in Water,  
Fertilizer and  
Pesticides**



**Government  
Subsidy Schemes  
Boosting  
Adoption**



**Increases Yield  
and Reduces  
Cost**

## FEATURES OF VAIMANIKA DRONES



**Battery Capacity**

22,000 mAh



**Charging Time**

30-40 Min



**Spraying Capacity**

8 Acers per Hour



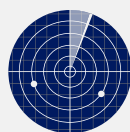
**Flight Time**

Up to 15 Min



**Multi Use**

Multiple Attachment



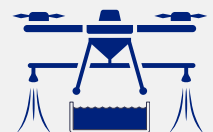
**Navigation**

GPS Based, Return to  
Launch



**Operating  
Altitude**

98.43 Ft.



**Capacity**

10L

# TECHNICAL SPECIFICATION

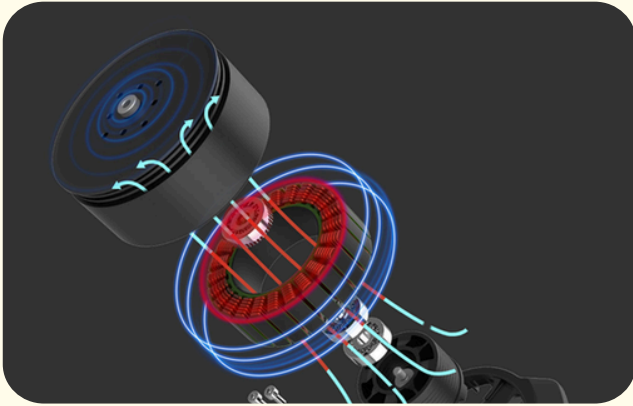
## (10Ltrs. Medium Category Drone)

Parameters	Specifications
Rate (Including GST)	Rs. 7,08,750/- Includes: V10 Drone-1, Battery-2 Set, Allen Key-1, Sprit Leveller, T12 Remote-1, Charger-1
Delivery Time	08-10 Days
<b>Additional / Optional</b>	
Pilot License Cost	Rs. 40,000/- Inc GST
Additional 1 Set Battery	Rs. 42,400/- Inc GST
<b>Technical Datasheet</b>	
DGCA Certified Model	Yes
Control Mode (Manual, Autonomous)	Yes
Field Coverage	8 Acre/Hour
Maximum Speed	10.0 m/sec
Overall Dimensions (l x b x h)	2041.0 x 1852.0 x 584.0 mm
Maximum all-up-weight (including payload)	28.2 kg
Operating Altitude	98.43 ft
Maximum Range	0.6 Km
Propeller limits (Maximum)	5513 RPM
Terrain Following Sensor	Yes*
Obstacle Avoidance Sensor	Yes*
Remote Controller	T12
<b>Spray System</b>	
Tank Volume	10 ltr.
Nozzle Quantity	4
Droplet (At Avg Pressure)	200 Microns
<b>Battery</b>	
Capacity	22000 mA <sup>H</sup>
Charging Time	30-40 min
Voltage	22.2V

**Note - \* Star-marked features are available as optional add-ons.**

## WATERPROOF AND DUSTPROOF INDUSTRIAL DESIGN

Built to withstand dust, moisture, and varying weather conditions, this rugged design protects sensitive onboard systems, ensuring consistent performance even in rainy, muddy, or dusty fields. This durability extends the drone's lifespan, reduces maintenance needs, and allows uninterrupted operation, making it a dependable tool for modern farming.



Motor Power System



Propulsion System



High Life Brushless Water Pump



Reliable Communication

 COMPACT SIZE



 DIGITAL VIDEO TRANSMISSION



 LONG DISTANCE LINK



 OPEN SOURCE COMPATIBLE



 SUPER SCALABILITY



 LINK SCALABILITY



## TRADITIONAL FARMING VS DRONE-BASED PRECISION FARMING



TRADITIONAL FARMING	PRECISION FARMING DRONES
Manual Labor and Machinery	Automated Drone Technology
Visual Inspection, Time-Consuming	Real-Time Aerial Data and Imaging
Uniform Spraying, Higher Wastage	Targeted Spraying, Reduced Wastage
Labor-Intensive, Slower	Fast, Covers Large Areas Quickly
Prone to Human Error	High Precision with Automated Controls
Higher Long-Term Costs Due to Inefficiency	Reduced Costs with Optimized Inputs
Overuse of Chemicals, Soil Degradation	Minimal Chemical Use, Eco-Friendly
Limited by Manpower	Easily Scalable for Large Farms

**Conclusion :** Precision farming with drones is a smarter, more sustainable way to farm, optimizing resources and boosting yields. Traditional farming, while valuable, is less efficient and relies more on human experience than on data-driven insights. Drones help minimize environmental impact by reducing chemical use and conserving water, making farming more efficient, profitable, and sustainable.

## Precision Farming. Maximum Yield. Minimum Effort.

Experience the future of smart farming with Vaimanika's advanced agricultural spray drones, designed to revolutionize crop protection and nutrition management. Our drones offer high-efficiency aerial spraying across multiple crops, ensuring uniform coverage, reduced chemical usage, and zero human exposure to hazardous chemicals.

**RICE****WHEAT****GRAM****ONION****SOYABEAN****SUNFLOWER****SUGARCANE****MAIZE****GROUNDNUT****SESAME****COCONUT****TOBACCO**

# NEWS & EVENTS

Stay updated with the latest news, events, and innovations from Vaimanika Aerospace. Explore groundbreaking advancements, industry insights, product launches, and live demonstrations. Join us at exhibitions, workshops, and special events shaping the future of drone technology and aerial solutions.



## PARTNER & CLIENTS

Our partners and clients include a diverse range of industries, from agriculture and Defence to surveillance and delivery services. We collaborate closely with businesses focused on innovation, efficiency, and technology integration. By providing high-performance drones and customized solutions, we help our partners and clients achieve their goals, enhance operational efficiency, and drive advancements across various sectors.





# VAIMANIKA AEROSPACE

A UNIT OF **VED PRABHA AEROSPACE PRIVATE LIMITED**

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  - Plot No. C-12, Industrial Area, Phase-1, Goraul, Narayanpur, Bedaulia, vaishali, Bihar 844118 (Manufacturing Office)
- Maharashtra**
- Somaiya Vidyavihar, Room No. 520, Bhaskaracharya Building, Vidyavihar, Mumbai, Maharashtra 400077
- Madhya Pradesh**
- 104, Capital Hills, Mahabali Nagar, Kolar Road, Bhopal (M.P.) - 462042
- Himachal Pradesh**
- Sham Lal Lath, Resident of S/O Banwari Lal Lath, V.P.O Panoh-i (185), Una, Himachal Pradesh - 174303
- Chhatisgarh**
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