



SHRACHI[®]

Agrimech

Khushali Hamesha



AGRICULTURE SPRAYING DRONE

KV10++

KV10++ series agriculture drone is a Hexacopter drone manufactured with high strength carbon fibers, impact-resistant molded materials and aerospace grade aluminium materials.



Features of KV10++



Upto 6 acres/ hour



17 min Endurance
with full payload



40 mins to charge the battery



Max takeoff weight = 25 kg



Working voltage = 44.4V



Li-Polymer Battery
16000 mAH



Max flying speed = 10 m/s



Transmission range = 1000 m

Spray Parameters



Spray swath = 2.5 to 5 m



Max Flowrate of 5 L/min



No. of nozzles = 4



10 Liters tank

Flight Modes



GPS mode



Inbuilt AB mode



Inbuilt route mode



Height = 50 m

Flight Control Parameters



Better wind resistance



Hovering accuracy: horizontal = ± 1.5 m
Vertical = ± 0.5 m



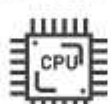
Multiple redundant backup



Bluetooth Enabled Secure
Connection



Exclusive
Ground Control Software



Dual CPU configuration



Max yaw speed = 150°/sec



Lightweight: 87 gm

Safety Features



GPS Return-to-Home position



Low Battery Warning



Empty Tank Warning



Break Point Intelligent Record

Additional Features



Better vibration resistant



Flight accuracy increased by 20%



Water saving upto 90%



Agri Inputs saving upto 40%

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