



Pioneer in

Agricultural Drones

AGRIBOT - With Multiple Payloads

1st Type
Certified
Agri Drone
(by DGCA)

Manufacturing
capacity upto
1000 AGRIBOTS
per month

Sales & Service
centers across
India

AIF Loan,
UIN, Insurance,
Remote Pilot
certification
assistance

Multiple
Payloads drone:
Spray/Broadcast
/Crop health
monitoring

Specification:

Payload options for AGRIBOT



Key Features

Structure	Hexacopter structure (more stable and reliable)
Flight Modes	Autonomous & Loiter Mode
Return to Launch (RTL)	Empty tank, Battery drained, mission complete
Spraying Capacity	Up to 6 acres/Hour, 25 Acres/Day with multiple battery sets
Battery Flight Time per battery set	Up to 20 minutes with dispensing Payload (with fully charge battery set)
Safety Modes	Brake & RTL
Flying Range of GCS	up to 2Km (LOS) using Ground Control Station
Smart battery fail safe	Continuously checks voltage left to return back to home
Resume Mission	Autonomuos resume mission within high accuracy
Live video streaming on GCS	2MP FPV Camera



Aircraft

Aircraft Maximum Takeoff Weight	24.9 KG
Diagonal wheelbase of Frame	1200 mm
Folded size (Lx Bx H)	762mm* 762mm* 483mm
Maximum Speed	10m/s
Maximum Height	10 Meters
Maximum Flight Time	Up to 20 minutes (with payload)
Operating Temperature Range	0°C to 50°C



Spray System

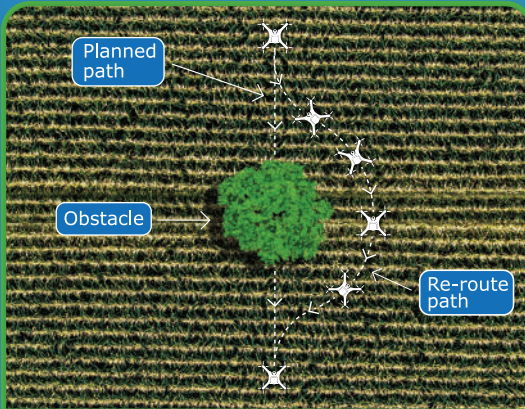
Tank Volume	10 L
Max payload carrying capacity	10 KG
Nozzle Type	High Pressure Flat Fan Spray (Supported nozzles - Hollowcone & high pressure air injected nozzle): World's top nozzle companies
Quantity	4 pcs
Maximum spray speed per nozzle	0.85L/Min. (per nozzle for water)
Spray Width	4 meters (4 nozzle, 2.5m - 3m above the crops)



Battery

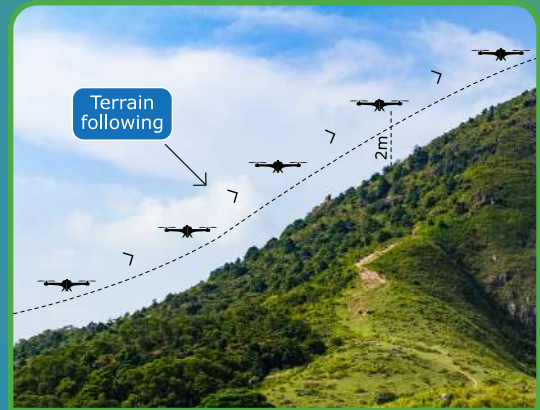
Battery Type	Lithium Battery
Voltage	44.4 V
Connector	AS150U
Charging Time	Up to 50 minutes

Smart Features



RADAR Based Collision Avoidance

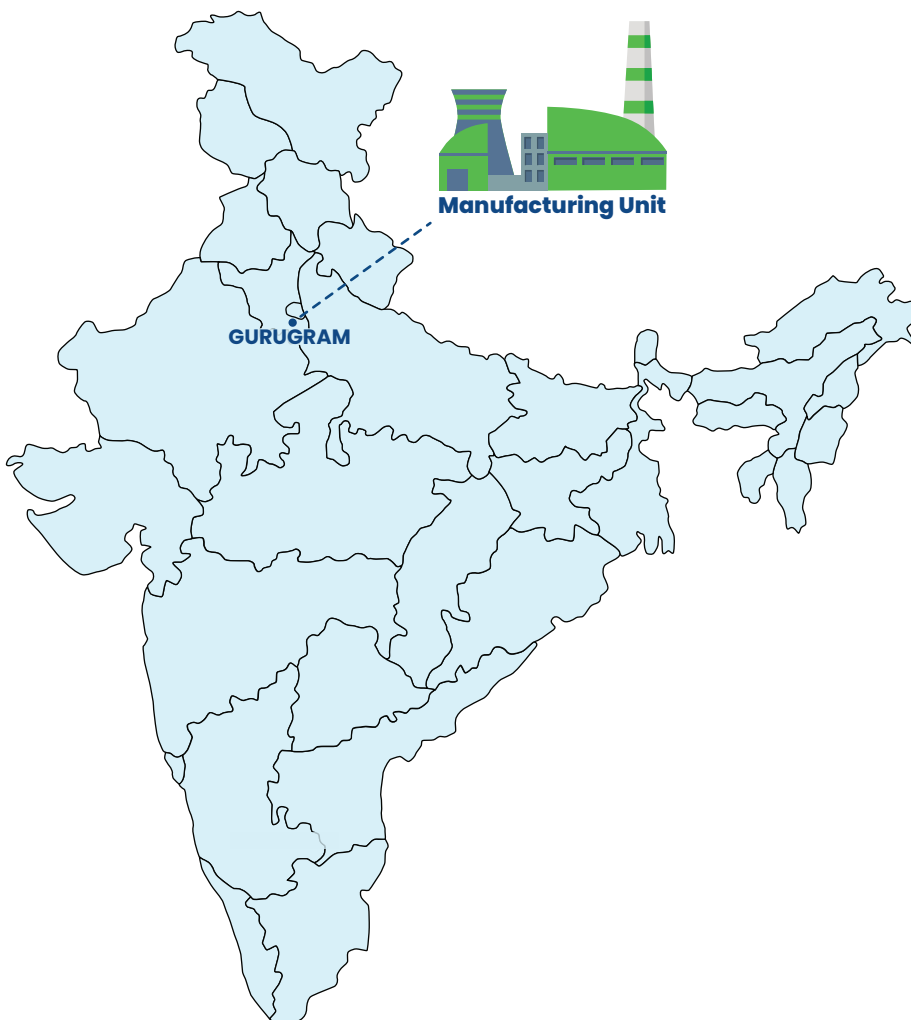
Detect obstructions like trees, poles etc & re-routes itself in Autonomous mode



RADAR Based Terrain Following

Detects variable height of crop, canopy and maintains constant distance from crop canopy for uniform spray

Our Presence



Across India

- Sales Network
- Maintenance & Service
- Drone Service Provider
- RPTO- in all major states

IoTech Hand-holding and Support

- Training
- Insurance
- Pilot License Certification
- Unsecured Load under AIF
- Business via Agrinet
- Service Support

Presence of AGRIBOT

INDIA'S
1st

IoTech Launches Portable

Bike & BackPack Model



Ease of transportation



Reduces transportation cost



Increases profitability

Spray Services (DAAS)



Agrinet is mobile application for all services & purchase needs related to AGRIBOT Drone



scan to download



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