



DRONX T

the era evolution



Agro Spear Agriculture Drone

About Dronxt



Dronxt the Era evolution is formed with a vision of creating new evolution in Intel and super inhuman effectiveness. it aims to enhance growth of drone's sector globally in manufacturing innovative technology in both aerial unmanned and under water drones. Dronxt as an aerospace company will be a creator of long-range drones which will help numerous industries to make their impossible work at simple cost, quickly and accurately. Ultimately in suppling products from one end to another.

Dronxt proudly announces most advanced underwater drone ROV which is portable, affordable, and easy to use providing solutions to various underwater projects. Our innovators with an intense research and development over the years have made dronxt underwater drones to do inspections on the hardest environments

Dronxt is very passionate about developing solution-based technology with its artificial intelligence to automate the process for the users. It will assure users of top quality and high-performance products in the coming future.



OUR VISION

Our vision is to integrate both wings and eyes and make a robust flying machine which will become a unique work force for our clients.

OUR MISSION

Dronxt mission is to bring in class leading UAV/- Drones, assisted services, and provide seamless work flow to end user with best of hardware and software integration

Agro Spear Agriculture Drone



Agricultural drone technology is undoubtedly the future of the Indian agrarian community.

It can transform traditional farming methods in uncountable ways. Even though this technology is more complex to be familiar with, it will yield its results in no time once learned.

Drones don't merely enhance overall performance but also encourage farmers to solve other assorted barriers and receive plenty of benefits through precision agriculture.

temperature play a critical role in farming. Agriculture drone empowers the farmer to adapt to specific environments and make mindful choices accordingly. The gained data helps regulate crop health, crop treatment, crop scouting, irrigation, and carry out field soil analysis and crop damage assessments. The drone survey helps boost crop yields and minimize time and expenses.

Specifications For Agro Spear

Agro spear - 10L

Dimensions	1300*1100*480 mm (arms open, with propellers) 650*650*480 mm (arms folded, without propellers)
Total weight	10kg (without battery), 24kg (with battery)
Max Takeoff Weight	28kg
Hovering time	12min (24kg takeoff weight) 28min (14kg takeoff weight)
Efficiency	Up to 10 acres/hours
Max operating speed	7m/s
Max flying speed	10m/s
Operating temperature	-10°C to 50°C
Liquid tank volume	10 L
Number of nozzles	4
Spraying span	4m
Theoretical Operating Efficiency	210,000 m ³ /day
Max Spraying speed	3.5L/min
Ground Controller Max Transmission Range	1000m
Features	Fully Automated Flight Variable Spray rate Flight History Variable Flight speed Low battery warning Auto return to home

Specifications For Agro Spear

Agro spear - 16L

Dimensions	1700*1700*560 mm (arms open, with propellers) 1000*1000*560 mm (arms folded, without propellers)
Total weight	15kg (without battery), 38kg (with battery)
Max Takeoff Weight	40kg
Hovering time	8min (38kg takeoff weight) 20min (21kg takeoff weight) 15min (spraying time)
Efficiency	Up to 15 acres/hours
Max operating speed	8m/s
Max flying speed	10m/s
Operating temperature	-10°C to 50°C
Liquid tank volume	16 L
Number of nozzles	4
Spraying span	4.5-5m
Theoretical Operating Efficiency	320,000 m ³ /day
Max Spraying speed	1.6L/min
Ground Controller Max Transmission Range	1000m
Features	Fully Automated Flight Variable Spray rate Flight History Variable Flight speed Low battery warning Auto return to home

Applications



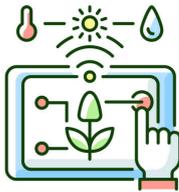
precision spraying



Pest Management



Pollination



Crop Growth Monitoring



Yield Estimates

Benefits of Agriculture Drone

- Enhanced production
- Effective and adaptive techniques
- Greater safety for farmers
- Faster data for quick decision making
- Less wastage of resources
- Higher accuracy rate
- Useful for insurance claims



Industrial activities are advancing over the world as a result of cutting-edge technology.

Many firms are gravitating toward the use of self-driving technology such as drones.

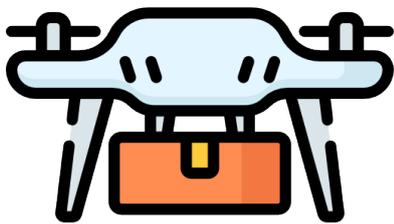
As a result, Dronxt has chosen to announce its membership in the Drone Logistics Ecosystem, an alliance of firms devoted to the progress of drone technology and the establishment of regulations.

Dronxt is a high-tech, innovation-driven firm that creates hardware and software solutions for the Advanced Air Mobility market, as well as autonomous systems for civil and military use.

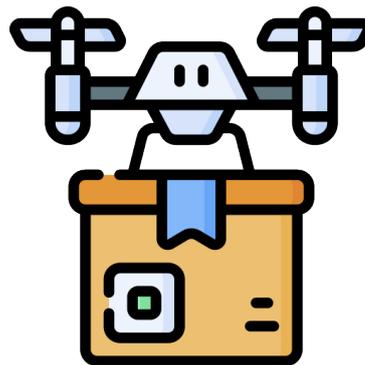
Specifications For Cargology

PARAMETERS	VALUE
MTOW	23Kg
Range	5 KMS
Endurance	30 min with 4kg load
Max Payload	5 Kg
Operating Altitude	400m AGL
Service Ceiling	5000m AMSL
Cruise Speed	6 m/s
Max Speed	11 m/s
Powerplant	Electric Brushless Motor
Wheel base	1300 mm
Height	480 mm
Communication Range	10 kms
Climb rate	2 m/s
Airframe Material	Hybrid Composites
Operational Modes	Fixed altitude, Fixed Heading Loiter, Way point navigation Auto Landing, Fixed Climb Rate
Failsafes	Return to home on low battery/ System malfunction / High Winds / communication Loss
Wind Resistance	15 kmph constant, 20 gusting

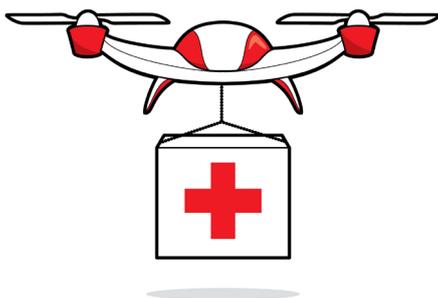
Applications



Transportation



Delivery of Customer Purchases



Rapid Transport of Medical

Rodnxt-S6, Surveillance Drone



Rodnxt-S6, the first flagship multirotor UAV developed by Dronxt for surveillance missions delivers a strong 40 mins of operational endurance in a completely loaded configuration. With an innovative monocoque rugged airframe structure, it holds up heavily against adverse weather and terrain conditions.

Being 25% lighter, it has a high weight cushion to cater for heavier payload options without compromising on operational flight time. Rodnxt-S6 is developed for quick deployment and versatile operations in the coldest and the windiest of weathers.

Swappable battery options make re-deployment swift enhancing the system's efficacy in real time surveillance missions

Specifications For Rodnxt-S6

- They can provide media with access to inaccessible locations
- They have the potential to improve agricultural management
- They can help with infrastructure maintenance and management
- Surveillance Drones can support law enforcement and save lives

Rodnxt-S6, Surveillance Drone



Specifications (Multirotor VTOL for surveillance)

Parameters	Value
MTOW	2.5
Range	5 Kms
Endurance	40 mins
Max payload	300 gms
Operating altitude	400m AGL
Service ceiling	5000m AMSL
Cruise speed	6 m/s
Max speed	11 m/s
Power plant	Electric brushless motor
Wheel base	650 mm
Height	~ 250 mm
Communication range	10 Kms
Climb rate	2 m/s
Airframe material	Hybrid composites
Operational modes	Fixed altitude, Fixed heading, Loiter, Way point navigation, Auto landing, Fixed climb rate
Failsafes	Return to home on low battery/ system malfunction/ high winds/ communication loss
Wind resistance	15 Kmph constant, 20 gusting
Payload options	Day/Night EO, Laser illuminators, comm. repeaters

Applications



Traffic Management



Perimeter Guarding



Disaster Management



Environment Protection



Border patrol



Event surveillance

DAKSH-S19 VTOL FIXED WING



Fixed-wing VTOL drones are among the most common forms of UAVs.

Our VTOL drone is significantly more suited for travelling great distances quickly and for longer periods of time.

Fixed-wing drones often feature customised payloads that are suited to the size and shape of the UAV and contain and spread the required number of seeds at regulated, pre-determined, and consistent rates. This platform can be used as a multirole UAV for missions like surveillance, reconnaissance and gathering intelligence

They may also transport pods containing a mixture of seeds, fertiliser, and soil for these reforestation/afforestation efforts.

Fixed-wing drones are more advantageous than most other types of drones because they can operate for extended periods of time and travel large distances without needing to be recharged or refuelled.

DAKSH-S19 VTOL FIXED WING



Specifications For VTOL Fixed Wing

PARAMETERS	VALUE
MTOW	7kg
Range	30 KMS
Endurance	2h 30m
Max Payload	1 Kg
Operating Altitude	400m AGL
Service Ceiling	5000m AMSL
Cruise Speed	60 Kmph
Max Speed	110 Kmph
Powerplant	Electric Brushless Motor
Wing Span	~2.1m
Length	~1.3m
Communication Range	40 kms
Stall Speed	35 Kmph
Airframe Material	Hybrid Composites
Operational Modes	Fixed altitude, Fixed Heading Loiter, Way point navigation Auto Landing, Fixed Climb Rate
Failsafes	Return to home on low battery/ System malfunction / High Winds / communication Loss
Wind Resistance	30 kmph constant, 45 gusting
Payload options	Day/night EO, Laser illuminators comm.repeaters

Applications



Anti Terror



Border Security



Assets Management



Crime Control



Crowd Monitoring



Disaster Management



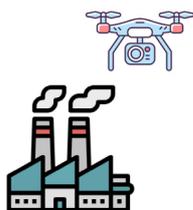
Forest and Wildlife



Traffic Monitoring



Surveillance



Industrial Inspection



Mining



**visit our website for further information on
what dronxt can offer you**

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