Skytech UAV - Source Drone Manufacturer

Dedicated to drone R&D since 2008, Skytech UAV has established a notable presence in the industry, boasting sales of over 17,000+ drones and 16+ years of deep-rooted expertise.

Our team, enriched with esteemed professors in aerospace background, delivers unparalleled drone OEM/ODM solutions.

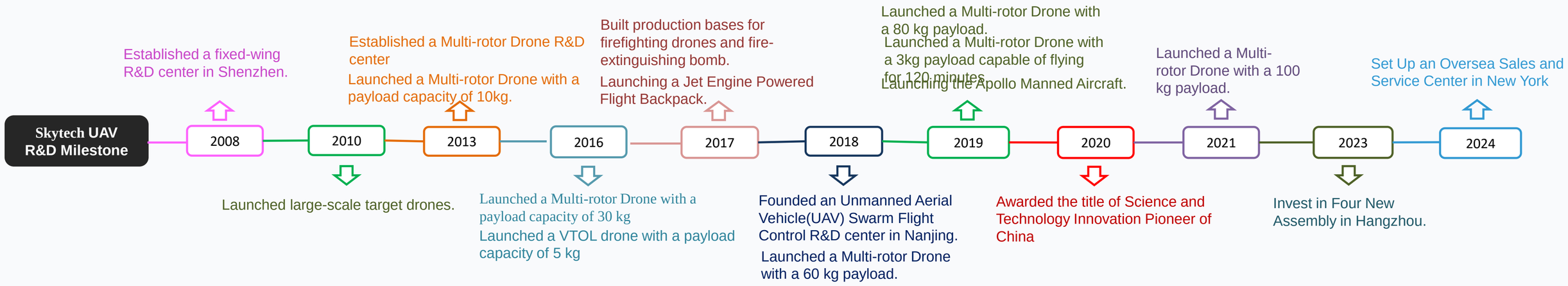
Armed with cutting-edge production capabilities, we provide both integrated drone systems, spare parts, and tailored customization solutions.

Our commitment doesn't end with products, we're here to offer comprehensive technical support and training, empowering you to excel in your local markets.

17+
Years R&D Experience

17,000+
Drones Sold Worldwide

5000+
Production Capacity



Wang Zhisheng

Research Field: Industrial applications of UAV, integrated control technology, UAV swarm systems

Professor and Ph.D. Supervisor, School of Automation, Nanjing University of Aeronautics and Astronautics

 # Research #

- Awarded 1st Prize in Scientific and Technological Progress by China Aviation Industry Corporation, 3rd Prize in National Defense Science and Technology Progress, and 1st Prize in Scientific and Technological Progress by Nanjing University of Aeronautics and Astronautics
- Applied for 26 national invention patents and utility model patents, with 8 invention patents granted
- Published 60+ papers. Authored 2 monographs, 1 textbook, and 1 set of lecture notes

 # Projects #

- 2 projects funded by the National Natural Science Foundation of China
- 2 sub-projects under the National High-Tech Research and Development Plan (863 Plan)
- 1 Doctoral Fund of the Ministry of Education (for Ph.D. supervisors)
- 1 Aviation Science Fund project
- 1 National Defense Basic Pre-research Fund project
- 1 China Postdoctoral Science Fund project
- 20+ collaborative projects with national defense research institutes

Ouyang Quan

Research Field: Power management of UAV, UAV flight control, UAV target detection and recognition, UAV swarm control

Associate Professor and Master's Supervisor, School of Automation, Nanjing University of Aeronautics and Astronautics

 # Research #

- Obtained Ph.D. in Control Science from Zhejiang University in 2018
- Associate Professor and Master's Supervisor at Nanjing University of Aeronautics and Astronautics
- Published 29 SCI/El papers. Granted 4 patents. Filed 4 public invention patents, including 9 papers in top international SCI journals IEEE Transactions
- Member of IEEE, the Chinese Association of Automation, and the Technical Committee of Power Batteries, IEEE PES China

 # Projects #

- 1 National Natural Science Foundation of China Youth Project
- 1 Jiangsu Province Double Innovation Doctor Project
- 1 China Postdoctoral Science Foundation Project
- 1 Open Topic from the State Key Laboratory of Industrial Control, ZJU
- Participated in several projects, including the National Natural Science Foundation of China Key Projects, etc
- Guided students to win prizes in National Undergraduate Electronic Design Contest (UAV Group) and the China Robot Competition

Wayne Lee

Research Field: Electronic Information Engineering

Nanjing University of Aeronautics and Astronautics, Ph.D. (Project Director)
16 years of experience in UAV research, development, and operational management

 # Projects #

- Founded Zhongxingzhi (Jining) Science and Technology Innovation Co., Ltd. in 2013
- Obtained the ASFC Light Sport Fixed Wing Aviatlon Pilot License in 2014
- Established Shandong Yufan Aviation Technology in 2015
- In 2017, founded the first provincial UAV Industry Technology Innovation Strategic Alliance at Shandong Lunan Engineering Technology Research Institute and served as the Chairman of the First Council
- Established Shandong Jiutian Intelligent Technology Co., Ltd. in 2018
- Particlpated in the Shandong Province New and Old Kinetic Energy Conversion Exhibition in 2019, received by the the then Governor Gong Zheng, and won 1st prize
- Won 1st prize at the Shandong Province Emergency Equipment Exhibition in 2020
- Won 3rd prize at the Ninth China Innovation and Entrepreneurship Competition (Shandong Division) in 2020
- Received the China Technology Innovation Invention Achievement Award and the Science and Technology China Innovation Pioneer Hanor in 2020
- Established Shandong Hongshengxiang Science and Technology Innovation Co., Ltd. in 2020
- Founded Kufei (Zhejiang) Aircraft Technology Co., Ltd. in 2022
- Founded Zhongxingzhi (Hangzhou) Innovation Technology Co., Ltd. in 2023
- Filed for 8 invention and utility model patents
- In 2024, awarded as the leader of new quality productivity technology innovation

Skytech Drone Models

Comprehensive solutions for all industrial drone applications. Support OEM / ODM Customization.

Agricultural Drone

Bee Series
Beginner's Choice

S-H32X

16 L

S-H40X

20 L

Cavalry Series
Skilled User's Choice

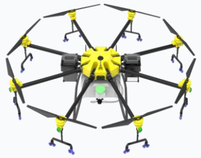
S-H60-4

30 L

Hercules Series
Large Capacity Choice

S-H120

52 L



S-H160

72~82 L

Super Sabre M Series

T-M30 / T-M40

30 L / 40 L

T-M50 / T-M65

50 L / 62 L

Roarer Series
Heavy Lift

S-H200 Agriculture

92 L

Cleaning Drone

Solar Panels Cleaning

30~92 L

Roof/Building Cleaning with on-board Tank

30~92 L

Industrial Drone

Roarer Series
Heavy Payload

S-H200 Transport

100 kg | 62 mins

S-H200 Firefighting

100 kg
25 kg * 4 Bombs
40 mins

Odin Series
Long Duration

T-X491

120 mins | 5 kg

T-X441

60 mins | 2.5 kg

Sentinel Series
Vertical Take-off Inspection

Sentinel T-V13-5

Cavalry Series
Window-breaking Fireflighting

S-H50-4

Manned Drone

T-X1 Manned Drone

Ground Boost Cleaning Model

S-H60-4

≤ 50m

S-H120

50-100m

S-H200

＞ 100m

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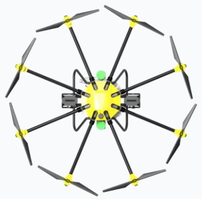
Agricultural Drone

We offer a series of agricultural drones with capacities ranging from 16L to 92L, which are extensively used for spraying pesticides, spreading fertilizer, sowing seeds, feeding, etc. Whether it's small plots or large fields, flat lands, orchards, or mountainous and hilly areas, our drones perfectly adapt to various operational scenarios. Their efficiency, stability, and portability meet the diverse needs of modern agriculture.

Skytech

Agricultural Drone Models Comparison

	 S-H32X	 S-H40X	 S-H60-4	 S-H120	 S-H160	 T-M30	 T-M40	 T-M50	 T-M65	 S-H200
Capacity	16 L	20 L	30 L	52 L	72 L	30 L	40 L	50 L	62L	92 L
Operational Efficiency	10 ha/h	16 ha/h	20 ha/h	23 ha/h	30 ha/h	18 ha/h	20 ha/h	22 ha/h	25 ha/h	33 ha/h
Material	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium	Carbon Fiber + Aviation Aluminium
Folded Dimensions	1010*610*575 mm	1010*610*575 mm	830*830*800 mm	800*860*1925 mm	990*860*2090 mm	985*685*808 mm	1135*735*820 mm	1240*840*872 mm	1240*840*872 mm	1470*1470*1130 mm
Unfolded Dimensions	1300*1100*600 mm	1300*1100*600 mm	2150*2150*800 mm	3050*3050*910 mm	3920*3920*910 mm	2432*2576*775 mm	2580*2758*820 mm	2919*3080*872 mm	2919*3080*872 mm	4190*4190*1130 mm
Weight (excl. battery)	17 kg	18 kg	21 kg	44 kg	57 kg	28 kg	30 kg	34 kg	34 kg	71 kg
Max. Take-off Weight	39.8 kg	44.8 kg	59.6 kg	113 kg	166 kg	69.1 kg	85 kg	99 kg	111 kg	193 kg
Nozzles	High-pressure Nozzles, 8~16	High-pressure Nozzles, 8~16	High-pressure Nozzles, 8~16	High-pressure Nozzles, 16~32	High-pressure Nozzles, 16~32	Centrifugal Nozzles, *2	Centrifugal Nozzles, *2	Centrifugal Nozzles, *2	Centrifugal Nozzles, *2	Centrifugal Nozzles, *4
Spraying Width	4~12 m	4~12 m	4~12 m	6~16 m	8~18 m	8~20 m	8~20 m	8~20 m	8~20 m	8~20 m
Endurance	5~15 mins	5~15 min	5~15 mins	5~15 mins	5~15 mins	8~28 mins	7.5~28 mins	7~28 mins	7~28 mins	6~15 mins
Max. Flight Speed	15 m/s	15 m/s	15 m/s	15 m/s	15 m/ s	15 m/s	15 m/s	15 m/s	15 m/s	15 m/s
Operational Mode	Auto / AB Point / Manual	Auto / AB Point / Manual	Auto / AB Point / Manual	Auto / AB Point / Manual	Auto / AB Point / Manual	Auto / AB Point / Manual	Auto / AB Point / Manual	Auto / AB Point / Manual	Auto / AB Point / Manual	Auto / AB Point / Manual
Obstacle Avoidance	Upgradable	Upgradable	Upgradable	√	√	Upgradable	Upgradable	Upgradable	Upgradable	√
Terrain-following Flight	Upgradable	Upgradable	Upgradable	√	√	Upgradable	Upgradable	Upgradable	Upgradable	√
360° Obstacle Avoidance	/	/	/	/	/	Upgradable	Upgradable	Upgradable	Upgradable	Upgradable
Battery	14S 20000mAh, *1	14S 20000mAh, *1	14S 20000mAh, *1	14S 28000mAh, *2	14S 42000mAh, *2	14S 30000mAh, *1	18S 30000mAh, *1	18S 30000mAh, *1	18S 30000mAh, *1	18S 30000mAh, *2

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S-H32X（16 L）Agricultural Drone

Remote Control *1

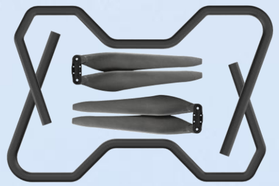
Intelligent Battery
14S 20000mAh *1

Intelligent Charger *1

Obstacle Avoidance Radars *2

Terrain-following Radar *1

FPV Camera +
Night Navigation Lights



Newbie Pack

Tool Box

Aluminium Transport Case (Optional)
Default Wooden Case

S-H32X Model - Specifications

1. Aerial Platform	
Dimensions (folded)	1010*610*575 mm
Dimensions (unfolded)	1300*1100*600 mm
Weight (excluding battery)	17 kg
Weight (including battery)	23.8 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max.Take-off Weight	39.8 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	15 mins (with no-load)
	5 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	16 L
Nozzles	Nozzle Type	High-pressure Nozzles
	Quantity	8
	Spray Width	4~12 m
	Atomizing Size	30~400 μm
Pump	Quantity	1
	Max. System Flow Rate	8 L/min

4. Spreading System	
Capacity	33 L
Waterproof Grade	IP67
Applicable Granule Size	1~10 mm

5. Propulsion System		
Motor	Max. Tension (single motor)	21.5 kg
Foldable Propeller	Model	34 110
Electronic Speed Controller	Max. Continuous Operating Current	100 A
	Max. Operating Voltage	65 V

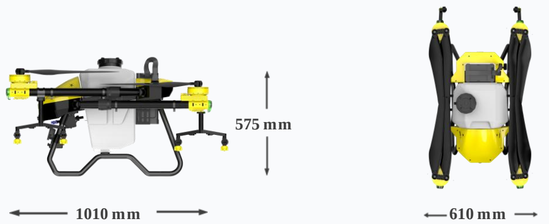
6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45 °

7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions（unfolded）

Dimensions（folded）



9. Power System		
Intelligent Battery	Quantity	1
	Model	14S 20000mAh
	Rated Capacity	60.9V / 50A / 2400W
	Size	173*110*243 mm
	Weight	6.8 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-240V 2400W
	Charging Output	50A (single-channel charging)
	Rated Power	2400W

Bee Series

S-H40X（20 L）Agricultural Drone

Remote Control *1

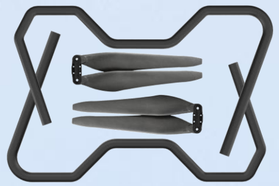
Intelligent Battery
14S 20000mAh *1

Intelligent Charger *1

Obstacle Avoidance Radars *2

Terrain-following Radar *1

FPV Camera +
Night Navigation Lights



Newbie Pack

Tool Box

Aluminium Transport Case (Optional)
Default Wooden Case

S-H40X Model - Specifications

1. Aerial Platform	
Dimensions (folded)	1010*610*575 mm
Dimensions (unfolded)	1300*1100*600 mm
Weight (excluding battery)	18 kg
Weight (including battery)	24.8 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	44.8 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	15 mins (with no-load)
	5 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	20 L
Nozzles	Nozzle Type	High-pressure Nozzles
	Quantity	8
	Spray Width	4~12 m
	Atomizing Size	30~400 μm
Pump	Quantity	1
	Max. System Flow Rate	8 L/min

4. Spreading System	
Capacity	33 L
Waterproof Grade	IP67
Applicable Granule Size	1~10 mm

5. Propulsion System		
Motor	Max. Tension (single motor)	29 kg
Foldable Propeller	Model	36 120
Electronic Speed Controller	Max. Continuous Operating Current	110 A
	Max. Operating Voltage	65 V

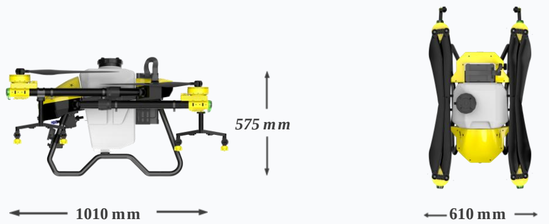
6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45 °

7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions（unfolded）

Dimensions（folded）



9. Power System		
Intelligent Battery	Quantity	1
	Model	14S 20000mAh
	Rated Capacity	60.9V / 50A / 2400W
	Size	173*110*243 mm
	Weight	6.8 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-240V 2400W
	Charging Output	50A (single-channel charging)
	Rated Power	2400W

Cavalry Series

S-H60-4（30 L）Agricultural Drone

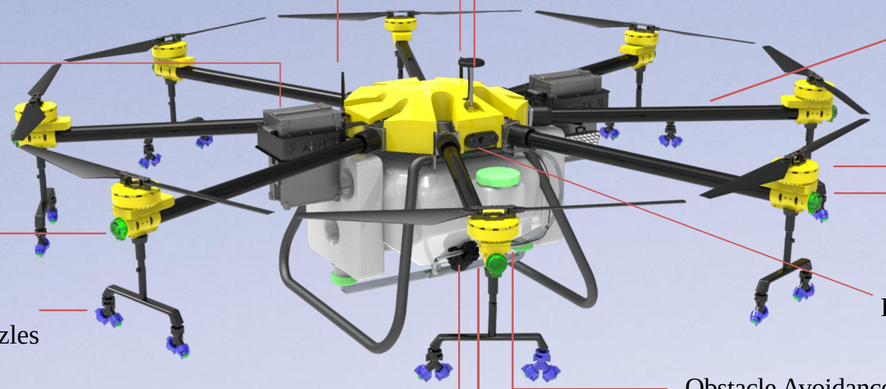
Aerial Platform	
Structural Design	4-Axis
Dimensions (folded)	830*830*800 mm
Dimensions (unfolded)	2150*2150*800 mm
Weight	21 kg
Max. Take-off Weight	59.6 kg
Max. Liquid Capacity	30 L
Waterproof Grade	IP67
Battery	14S 20000mAh Intelligent Battery *1
Charger	110V-240V 2400W
Aircraft Engine Lifespan	≥ 100,000 hours
Aircraft Frame Lifespan	≥ 10 years

Flight Parameters	
Max. Flight Altitude	≤ 20 m
Max. Flight Radium	5 km
Flight Time	5~15 mins
Max. Flight Speed	15 m/s
Obstacle Avoidance	Support
Terrain Following Flight	Support
Flight Mode	Auto / AB Point / Manual
Automatic Functions	Auto Route Planning, Auto Altitude Hold, Auto Position Hold, Auto Return to Home, Breakpoint Resume Spraying

Spraying System		
Water Tank	Capacity	30 L
Nozzles	Nozzle Type	High-pressure Nozzles
	Quantity	8
	Spray Width	4~12 m
Pump	Quantity	1
	Max. System Flow Rate	8 L/min
Max. Work Efficiency		20 ha/h
GNSS		GPS / Galileo / BDS / GLONASS
Remote Control		5.5-inch High Bright Screen

Hercules Series

S-H120（52 L）Agricultural Drone



Remote Control *1

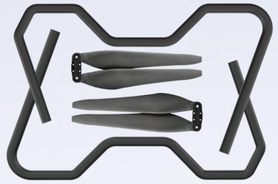
Intelligent Battery
14S 28000mAh *2

Intelligent Charger *1

Obstacle Avoidance Radars *2

Terrain-following Radar *1

FPV Camera +
Night Navigation Lights



Newbie Pack

Tool Box

Aluminium Transport Case (Optional)
Default Wooden Case

S-H120 Model - Specifications

1. Aerial Platform	
Dimensions (folded)	800*860*1925 mm
Dimensions (unfolded)	3050*3050*910 mm
Weight (excluding battery)	44 kg
Weight (including battery)	61 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	113 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	15 mins (with no-load)
	5 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	52 L
Nozzles	Nozzle Type	High-pressure Nozzles
	Quantity	16
	Spray Width	6~16 m
	Atomizing Size	30~400 μm
Pump	Quantity	2
	Max. System Flow Rate	16 L / min

4. Spreading System	
Capacity	52 L
Waterproof Grade	IP67
Applicable Granule Size	1~10 mm

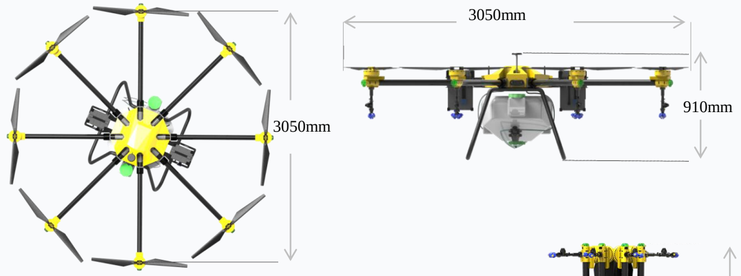
5. Propulsion System		
Motor	Max. Tension (single motor)	29 kg
Foldable Propeller	Model	36 120
Electronic Speed Controller	Max. Continuous Operating Current	135 A
	Max. Operating Voltage	65 V

6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45 °

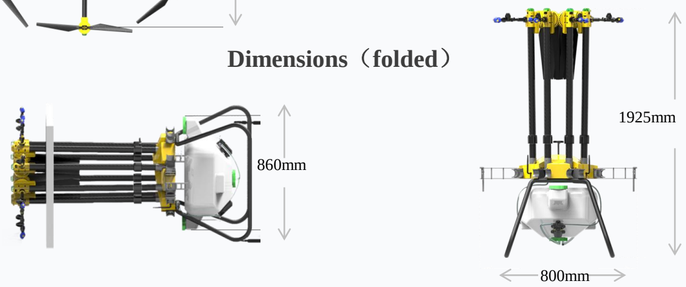
7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions（unfolded）



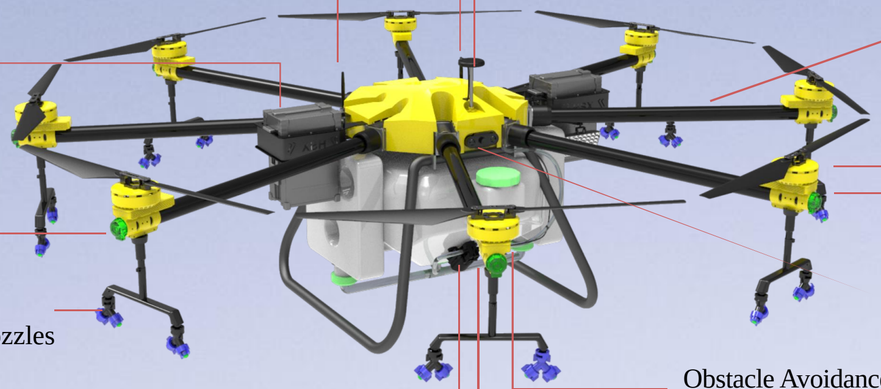
Dimensions（folded）



9. Power System		
Intelligent Battery	Quantity	1 Pair (2 unit)
	Model	14S 28000mAh, *2
	Rated Capacity	60.9V / 60A / 3000W
	Size	175*110*290 mm
	Weight	8.65 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-240V 3000W
	Charging Output	60A (single-channel charging)
	Rated Power	3000W

Hercules Series

S-H160（72 L）Agricultural Drone



Remote Control *1

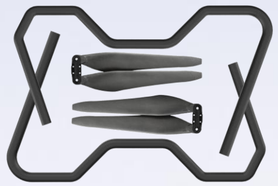
Intelligent Battery
14S 42000mAh *2

Intelligent Charger *1

Obstacle Avoidance Radars *2

Terrain-following Radar *1

FPV Camera +
Night Navigation Lights



Newbie Pack

Tool Box

Aluminium Transport Case (Optional)
Default Wooden Case

S-H160 Model - Specifications

1. Aerial Platform	
Dimensions (folded)	990*860*2090 mm
Dimensions (unfolded)	3920*3920*910 mm
Weight (excluding battery)	57 kg
Weight (including battery)	84 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	166 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	15 mins (with no-load)
	5 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	72 L
Nozzles	Nozzle Type	High-pressure Nozzles
	Quantity	16
	Spray Width	8~18 m
	Atomizing Size	30~400 μm
Pump	Quantity	2
	Max. System Flow Rate	16 L / min

4. Spreading System	
Capacity	72 L
Waterproof Grade	IP67
Applicable Granule Size	1~10 mm

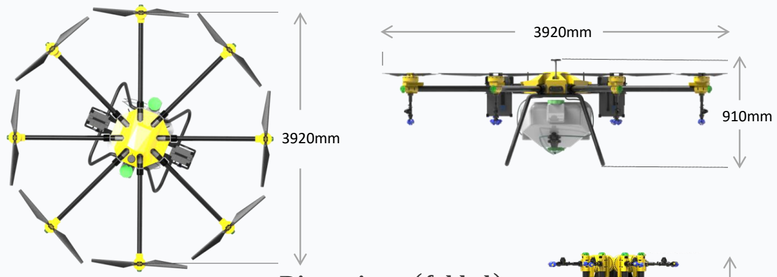
5. Propulsion System		
Motor	Max. Tension (single motor)	35 kg
Foldable Propeller	Model	40 132
Electronic Speed Controller	Max. Continuous Operating Current	145 A
	Max. Operating Voltage	65 V

6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45 °

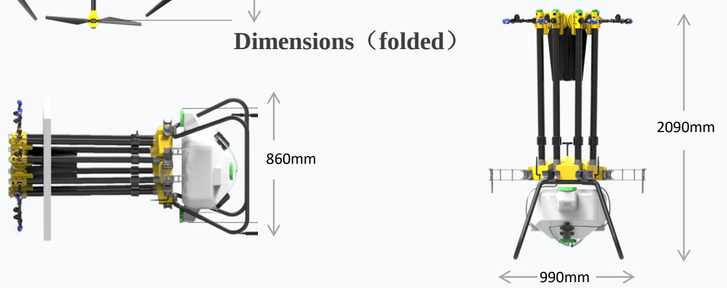
7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions（unfolded）



Dimensions（folded）



9. Power System		
Intelligent Battery	Quantity	1 Pair (2 unit)
	Model	14S 42000mAh, *2
	Rated Capacity	60.9V / 60A / 3000W
	Size	410*270*360 mm
	Weight	13.5 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-240V 3000W
	Charging Output	60A (single-channel charging)
	Rated Power	3000W

Super Sabre M Series

T-M30 Agricultural Drone

Basic Version


Remote Control *1


Centrifugal Nozzles *2


Water Pump


GNSS


Water Pipe


FPV Camera + Night Navigation Lights


980×760×500mm
1CTN


550×400×405mm
1CTN

Package Dimensions T-M30
Cardboard Transport Case


Weight Sensor


Flight Control System


Electromagnetic Flowmeter


Pipe Fitting

Standard Version
Additional Configuration


Obstacle Avoidance Radars *2


Terrain-following Radar *1


Antenna
Receiver

High Configuration Version
Additional Configuration


Obstacle Avoidance Radar *1


Terrain-following Radar *1


360° Obstacle Avoidance Radar


Antenna
Receiver

Skytech

T-M30 Model - Specifications

1. Aerial Platform	
Dimensions (folded)	985*685*808 mm
Dimensions (unfolded)	2432*2576*775 mm
Weight (excluding battery)	28 kg
Weight (including battery)	39.1 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	69.1 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	28 mins (with no-load)
	8 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	30 L
Nozzles	Nozzle Type	Centrifugal Nozzles
	Quantity	2
	Spray Width	8~20 m
	Atomizing Size	30~500 μm
Pump	Quantity	2
	Max. System Flow Rate	20 L / min

4. Spreading System	
Capacity	42 L
Waterproof Grade	IP67
Applicable Granule Size	0.5~10 mm

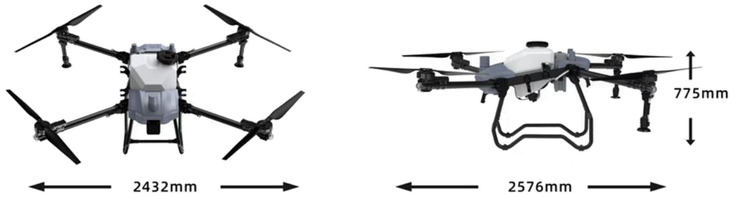
5. Propulsion System		
Motor	Max. Tension (single motor)	36 kg
Foldable Propeller	Model	4314
Electronic Speed Controller	Max. Continuous Operating Current	145 A
	Max. Operating Voltage	65 V

6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45 °
360 °Obstacle Avoidance Radar	Quantity	1
	Obstacle Avoidance Angle (upward)	360 °

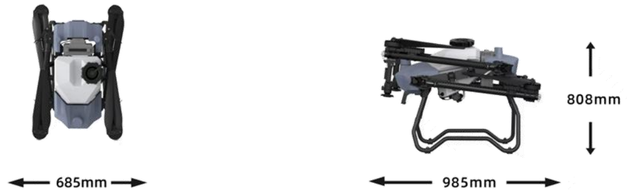
7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions（unfolded）



Dimensions（folded）



9. Power System		
Intelligent Battery	Quantity	1
	Model	14S 30000mAh
	Rated Capacity	60.9V / 100A / 7200W
	Size	245*140*320 mm
	Weight	11.1 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-240V 7200W
	Charging Output	100A (single-channel charging)
	Rated Power	7200W

Super Sabre M Series

T-M40 Agricultural Drone

Basic Version


Remote Control *1


Centrifugal Nozzles *2


Water Pump


GNSS


Weight Sensor


Flight Control System


Electromagnetic Flowmeter


Pipe Fitting


Water Pipe


FPV Camera + Night Navigation Lights

Package Dimensions T-M40

Cardboard Transport Case

Standard Version
Additional Configuration


Obstacle Avoidance Radars *2


Terrain-following Radar *1


Antenna
Receiver

High Configuration Version
Additional Configuration


Obstacle Avoidance Radar *1


Terrain-following Radar *1


360° Obstacle Avoidance Radar


Antenna
Receiver

T-M40 Model - Specifications

1. Aerial Platform	
Dimensions (folded)	1135*735*820 mm
Dimensions (unfolded)	2580*2758*820 mm
Weight (excluding battery)	30 kg
Weight (including battery)	45 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	85 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	28 mins (with no-load)
	7.5 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	40 L
Nozzles	Nozzle Type	Centrifugal Nozzles
	Quantity	2
	Spray Width	8~20 m
	Atomizing Size	30~500 μm
Pump	Quantity	2
	Max. System Flow Rate	20 L / min

4. Spreading System	
Capacity	56 L
Waterproof Grade	IP67
Applicable Granule Size	0.5~10 mm

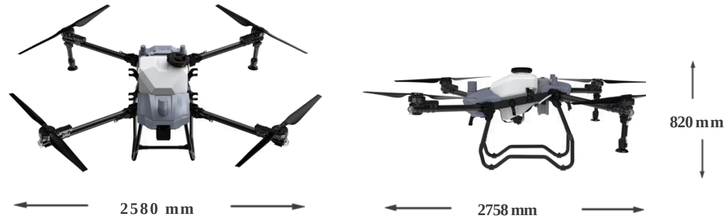
5. Propulsion System		
Motor	Max. Tension (single motor)	44.6 kg
Foldable Propeller	Model	5620
Electronic Speed Controller	Max. Continuous Operating Current	135 A
	Max. Operating Voltage	83 V

6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45 °
360 °Obstacle Avoidance Radar	Quantity	1
	Obstacle Avoidance Angle (upward)	360 °

7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions（unfolded）



Dimensions（folded）

9. Power System		
Intelligent Battery	Quantity	1
	Model	18S 30000mAh
	Rated Capacity	78.3V / 120A / 9000W
	Size	275*120*330 mm
	Weight	15 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-380V 9000W
	Charging Output	120A (single-channel charging)
	Rated Power	9000W

Super Sabre M Series

T-M50 Agricultural Drone

Basic Version


Remote Control *1


Centrifugal Nozzles *2


Water Pump


GNSS


Water Pipe


FPV Camera + Night Navigation Lights


980×760×500mm
1CTN


735×460×390mm
1CTN

Package Dimensions T-M50
Cardboard Transport Case


Weight Sensor


Flight Control System


Electromagnetic Flowmeter


Pipe Fitting

Standard Version
Additional Configuration


Obstacle Avoidance Radars *2


Terrain-following Radar *1


Antenna
Receiver

High Configuration Version
Additional Configuration


Obstacle Avoidance Radar *1


Terrain-following Radar *1


360° Obstacle Avoidance Radar


Antenna
Receiver

T-M50 Model - Specifications

1. Aerial Platform	
Dimensions (folded)	1240*840*872 mm
Dimensions (unfolded)	2919*3080*872 mm
Weight (excluding battery)	34 kg
Weight (including battery)	49 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	99 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	28 mins (with no-load)
	7 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	50 L
Nozzles	Nozzle Type	Centrifugal Nozzles
	Quantity	2
	Spray Width	8~20 m
	Atomizing Size	30~500 μm
Pump	Quantity	2
	Max. System Flow Rate	20 L / min

4. Spreading System	
Capacity	70 L
Waterproof Grade	IP67
Applicable Granule Size	0.5~10 mm

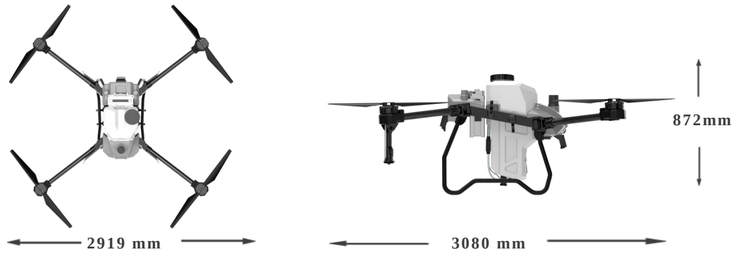
5. Propulsion System		
Motor	Max. Tension (single motor)	56 kg
Foldable Propeller	Model	5620
Electronic Speed Controller	Max. Continuous Operating Current	160 A
	Max. Operating Voltage	83 V

6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45 °
360 °Obstacle Avoidance Radar	Quantity	1
	Obstacle Avoidance Angle (upward)	360 °

7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions（unfolded）



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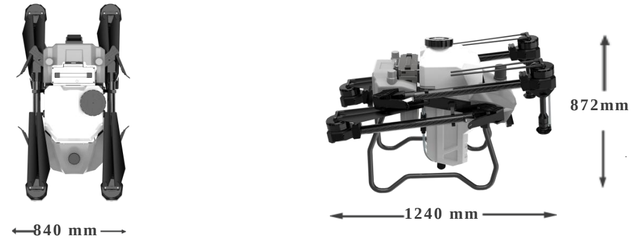


9. Power System		
Intelligent Battery	Quantity	1
	Model	18S 30000mAh
	Rated Capacity	78.3V / 120A / 9000W
	Size	275*120*330 mm
	Weight	15 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-380V 9000W
	Charging Output	120A (single-channel charging)
	Rated Power	9000W

Super Sabre M Series

T-M65 Agricultural Drone

Basic Version

Remote Control *1

Centrifugal Nozzles *2

Water Pump

GNSS

Weight Sensor

Flight Control System

Electromagnetic Flowmeter

Pipe Fitting

Water Pipe

FPV Camera + Night Navigation Lights

980×760×500mm
1CTN

735×460×390mm
1CTN

Package Dimensions T-M65
Cardboard Transport Case

Standard Version
Additional Configuration

Obstacle Avoidance Radars *2

Terrain-following Radar *1

Antenna
Receiver

High Configuration Version
Additional Configuration

Obstacle Avoidance Radar *1

Terrain-following Radar *1

360° Obstacle Avoidance Radar

Antenna
Receiver

T-M65 Model - Specifications

1. Aerial Platform	
Dimensions (folded)	1240*840*872 mm
Dimensions (unfolded)	2919*3080*872 mm
Weight (excluding battery)	34 kg
Weight (including battery)	49 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	111 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	28 mins (with no-load)
	7 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	62 L
Nozzles	Nozzle Type	Centrifugal Nozzles
	Quantity	2
	Spray Width	8~20 m
	Atomizing Size	30~500 μm
Pump	Quantity	2
	Max. System Flow Rate	20 L / min

4. Spreading System	
Capacity	70 L
Waterproof Grade	IP67
Applicable Granule Size	0.5~10 mm

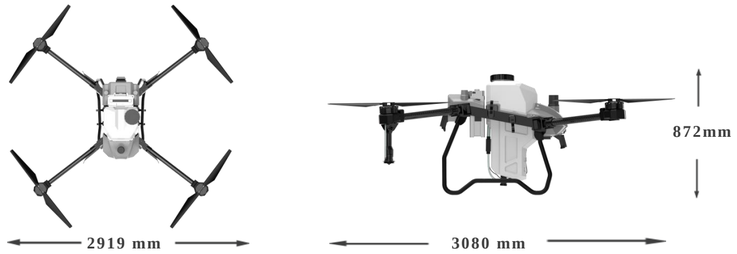
5. Propulsion System		
Motor	Max. Tension (single motor)	56 kg
Foldable Propeller	Model	5620
Electronic Speed Controller	Max. Continuous Operating Current	160 A
	Max. Operating Voltage	83 V

6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45 °
360 °Obstacle Avoidance Radar	Quantity	1
	Obstacle Avoidance Angle (upward)	360 °

7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions（unfolded）



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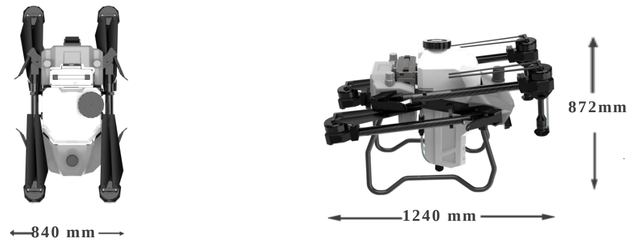


9. Power System		
Intelligent Battery	Quantity	1
	Model	18S 30000mAh
	Rated Capacity	78.3V / 120A / 9000W
	Size	275*120*330 mm
	Weight	15 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-380V 9000W
	Charging Output	120A (single-channel charging)
	Rated Power	9000W

Roarer Series
S-H200（92 L）Agricultural Drone

92 L	33 ha/h	100 kg
Liquid Capacity	Work Efficiency	Rated Payload

Remote Control

Intelligent Battery, *2

Intelligent Charger *1

Obstacle Avoidance Radars, *2

Terrain-following Radar

FPV Camera

Water Pump *2

Flight Control

Marker

GNSS

Toolkit

Centrifugal Nozzles, *4
(by default)

Aluminium Transport Case
(Optional)
Default Wooden Case

S-H200 Agricultural Model - Specifications

1. Aerial Platform	
Dimensions (folded)	1470*1470*1130 mm
Dimensions (unfolded)	3010*3010*1130 mm (propeller folded) 4190*4190*1130 mm (propeller unfolded)
Weight (excluding battery)	71 kg
Weight (including battery)	101 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	193 kg
Max. Flight Speed	15 m/s
Max. Flight Altitude	≤ 20 m
Hovering Duration	15 mins (with no-load)
	6 mins (with full-load)

3. Spraying System		
Liquid Tank	Capacity	92L
Nozzles	Nozzle Type	Centrifugal Nozzles
	Quantity	4
	Spray Width	8~20 m
	Atomizing Size	30~400 μm
Pump	Quantity	2
	Max. System Flow Rate	24 L / min

4. Spreading System	
Capacity	170 L
Waterproof Grade	IP67
Applicable Granule Size	1~10 mm

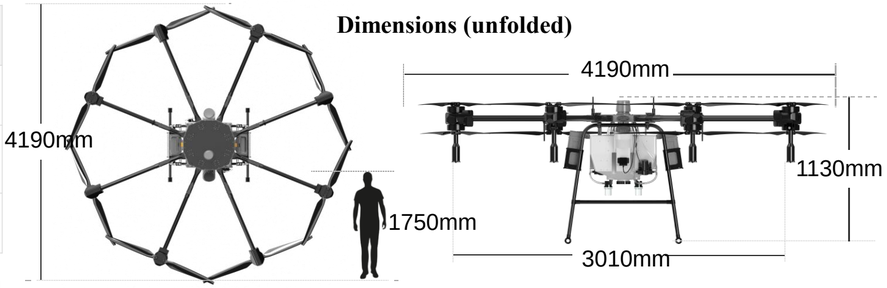
5. Propulsion System		
Motor	Max. Tension (single motor)	56 kg
Electronic Speed Controller	Max. Continuous Operating Current	160 A
	Max. Operating Voltage	83 V

6. Obstacle Avoidance System		
Front and Rear Obstacle Avoidance Radar	Quantity	2
	Relative Height of Safe Obstacle Avoidance	≥ 2 m
	Relative Speed of Sale Obstacle Avoidance	≤ 8 m/s
Terrain-following Radar	Quantity	1
	Max. Gradient (at flight speed of ≤ 2 m/s)	45°

7. Camera	
Camera Type	HD FPV Camera
Video Resolution	1920*1080 px
Night Navigation	High Brightness Night Flight Lights

8. Remote Control	
Model	H12 (Android OS)
Remote Controller	5.5-inch Screen, 1920×1080, 1,000cd/㎡
Max. Signal Range (no interference / obstruction)	5km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H
Compatible Device	S-H32X/40X/120/160, M Series

Dimensions (unfolded)



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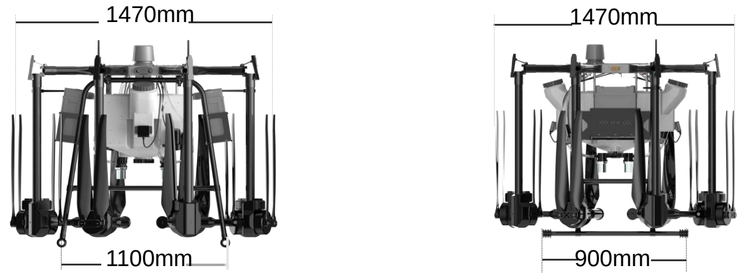


9. Power System		
Intelligent Battery	Quantity	1 pair (2 unit)
	Model	18S 30000mAh, *2
	Rated Capacity	78.3V / 120A
	Size	275*120*330 mm
	Weight	15.05 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-380V 9000W
	Charging Output	120A (single-channel charging)
	Rated Power	9000W

Skytech

Roarer Series

Heavy Payload Drone

Skytech S-H200 Plus-Transport Drone, equipped with a 200 kg payload capacity and a maximum flight time of 40 minutes, is capable of rapidly and efficiently delivering goods to designated locations.

Skytech H200-Firefighting Drone can perform various tasks such as fire source location, firefighting, search and rescue, and window breaking based on different needs. It quickly reaches the fire scene and provides timely support, effectively reducing the risk of fire spread and ensuring higher response speed and efficiency.

Roarer Series

S-H200 Plus - Heavy Payload Transport Drone

Max. Payload: 200 kg | Max. Flight Time: 40 mins

Applications: Widely used for the transportation of goods, materials, fruits, etc, reducing labor costs and enhancing work efficiency.

Specifications	
Dimensions	4080mm*4080mm*830mm (160.63” x 160.63” x 32.698”)
Max. Take-off Weight	240 kg
Max. Payload	200 kg
Hover-flight Time	40 mins
Max. Flight Altitude	2000 m
Wind Resistance Level	Level 7

* These industrial drones provide a flight platform, and we can offer a free in-depth customization solution for the drones based on the specific usage scenarios and requirements of our clients.

Skytech

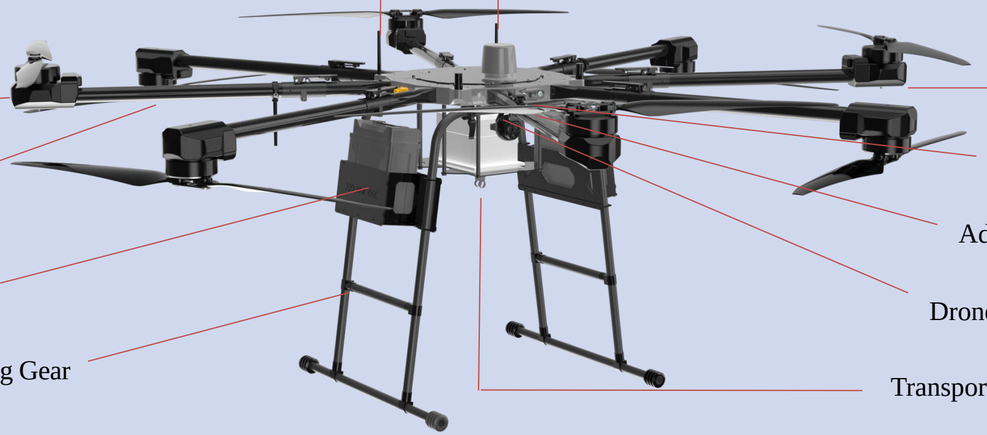
Roarer Series

S-H200 Transport Drone

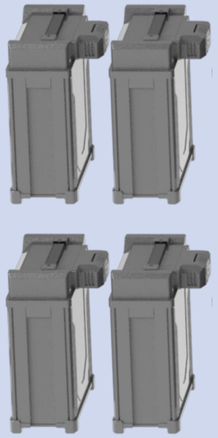
100 kg
Rated Payload

62 mins
Max. Flight Time

45 km
Max. Flight Range



Remote Control



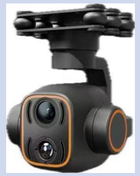
Intelligent Battery, *4

Intelligent Charger *2

Flight Control

Marker

GNSS



30x digital zoom dual light pod

Toolkit

Transport Box + Gimbal Pod

Drop Release + Gimbal Pod

Aluminium Transport Case
(Optional)
Default Wooden Case

S-H200 Transport Model - Specifications

1. Aerial Platform	
Dimensions (folded)	1470*1470*1130 mm
Dimensions (unfolded)	3010*3010*1130 mm (propeller folded) 4190*4190*1130 mm (propeller unfolded)
Weight (excluding battery)	60 kg
Weight (including battery)	104.8 kg
Waterproof Grade	IP67

2. Flight Parameters	
Max. Take-off Weight	270 kg
Max. Flight Speed	20 m/s
Max. Flight Range	≤ 10 km

3. Propulsion System		
Motor	Max. Tension (single motor)	56 kg
Electronic Speed Controller	Max. Continuous Operating Current	160 A
	Max. Operating Voltage	83 V

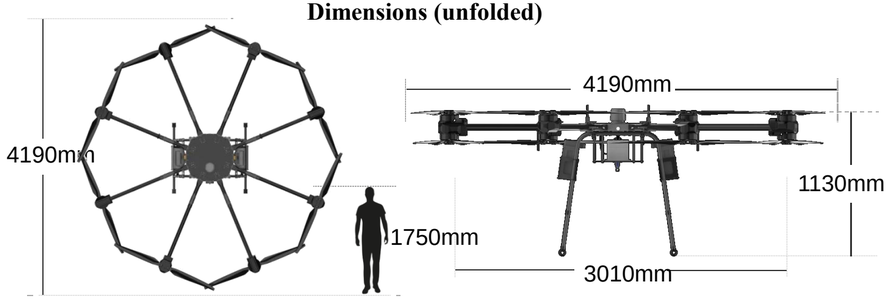
4. Remote Control	
Model	H12 Pro(Android OS)
Remote Controller	7-inch Remote Controller with Screen
Max. Signal Range (no interference / obstruction)	10 km
Operating Frequency	2,400~2,483 Ghz
Dimensions	190*152*94 mm
Charging port	TYPE-C
Duration	6~20 H

5. Transport Drone Payload/Duration/Range Theoretical Data		
Payload	Duration	Range
100 kg	23 mins	13.8 km
90 kg	28 mins	l6.8 km
80 kg	32 mins	19.2 km
70 kg	35 mins	21 km
60 kg	40 mins	24 km
50 kg	45 mins	27 km
40 kg	50 mins	30 km
30 kg	55 mins	33 km
20 kg	58 mins	41.7 km
10 kg	60 mins	43.2 km
0 kg	62 mins	44.6 km

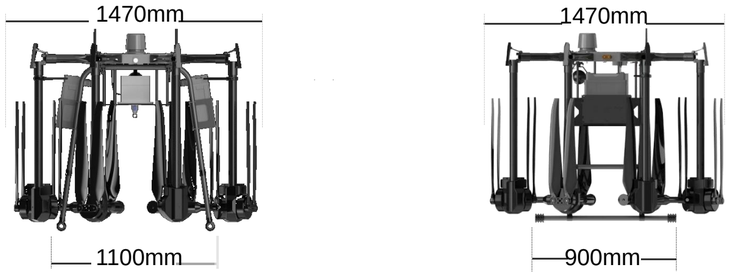
6. Camera	
Camera Type	30x digital zoom dual light pod
Effective Pixels	5 Million
Lens Focal Length	f=3.5~4.75mm
Min. Focus Distance	7 mm

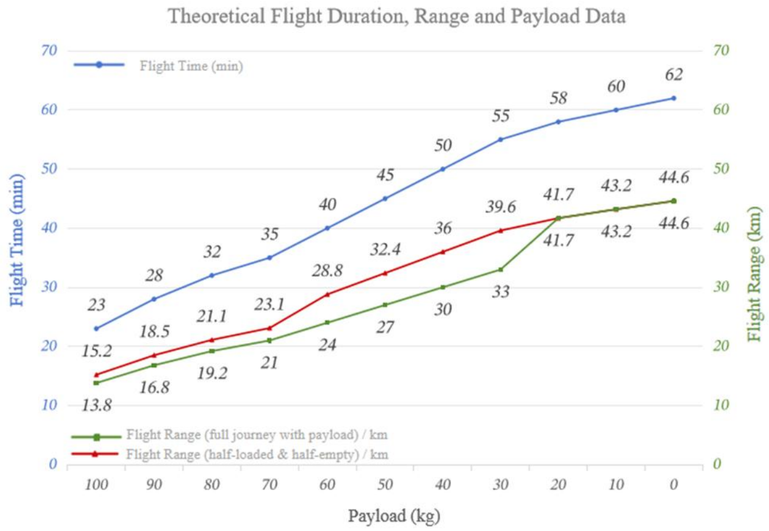
7. Power System		
Intelligent Battery	Quantity	1 set (4 pcs)
	Model	18S 40000mAh, *4
	Size	218*138*204 mm
	Weight	11.2 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	2
	Charging Input	110V-240V 3000W
	Charging Output	60A (single-channel charging)
	Rated Power	3000W

Dimensions (unfolded)



Dimensions (folded)





*Due to factors such as altitude, temperature, and speed, flight data may vary. Please refer to the actual flight data for accuracy.

Skytech

Roarer Series

S-H200 - Heavy Payload Firefighting Drone

Max. Payload: 25 kg * 4 Fire-extinguishing Bombs

Specifications of Fire-extinguishing Bombs	
Caliber	Φ 268 mm
Total Length of the Bomb	600 mm
Type of Fire Extinguishing Agent	Water-gel based extinguishing agent or dry powder extinguishing agent
Net Weight of Fire Extinguishing Agent	25 kg
Dispersion Radius	≥ 15 m
Coverage Area	≥ 200 m²
Safety Radius	≥ 40 m
Height for Arming Realease	≥ 15 m
Bombing Height	15 ~ 100 m
Operating Environmental Temperature	-20℃ ~ 60℃
Fully Seaload	Waterproof, Moisture-proof
Safety Fuse	Double-insured, Explosion-proof

Specifications of Drone	
Dimensions (unfolded)	5600mm*5600mm*980mm (220.47” x 220.47” x 38.602”)
Weight	52 kg
Max. Altitude Limit	4500 m
Operation Height	≤ 1000 m
Max. Payload	100 kg
Max. Take-off Weight	190 kg

* These industrial drones provide a flight platform, and we can offer a free in-depth customization solution for the drones based on the specific usage scenarios and requirements of our clients.

Skytech

Odin Series

Long Endurance Drone

We have two long-endurance drone models, T-X491 and T-X441, both featuring extended flight times and the ability to mount various pods and equipment. They are widely used in scenarios such as oil patrol, pipeline inspection, high-voltage line inspection, search and rescue, reconnaissance, patrolling, materials transportation, loudspeaker broadcasting, aerial guidance, etc. Multi-rotor drones are convenient for take-off and landing and have no specific site requirements.

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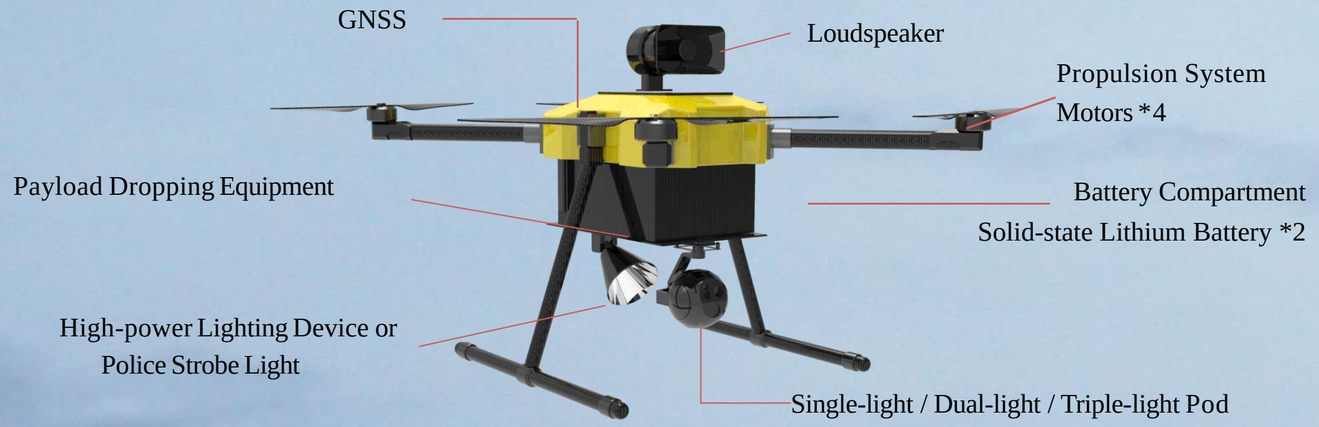
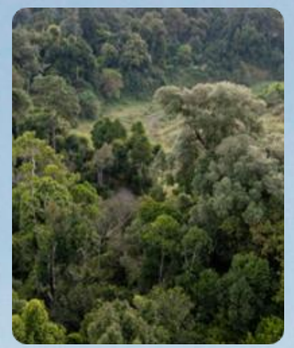
Odin Series
T-X491 Long Endurance Drone

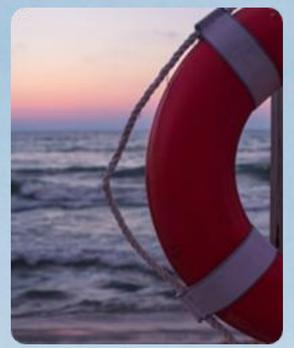
Max. Flight Time: 120 mins | Max. Payload: 5 kg



Applications

Applications: Power line inspection, pipeline inspection, search and rescue, patrolling, loudspeaker broadcasting, etc.





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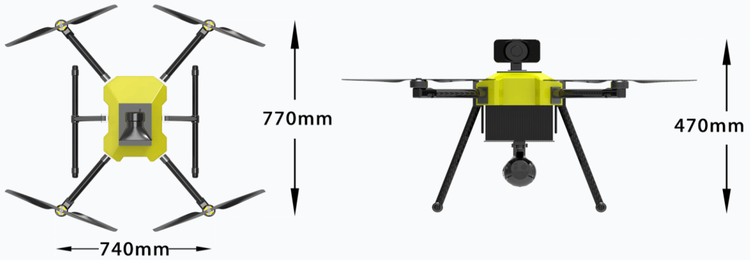


T-X491 Model - Specifications

Aerial Platform	
Dimensions (unfolded)	740mm*770mm*470mm (29.13”x 30.31”x 18.50”)
Dimensions (folded)	300mm*230mm*470mm (11.81”x 9.06”x 18.50”)
Rotor Distance	968 mm
Product Material	Carbon Fiber + 7075 Aviation Aluminum + Plastic
Total Weight	7.3 kg
Rain Prevention Level	Moderate Rain
Wind Resistance Level	Level 6
Noise Level	＜ 50 dB
Storage Type	The Arm Foldsvertical
	Rapid Demolition of Landing Gear
	Rapid Demolition of Propeller

Flight Parameters	
Hover-flight Time	110 mins (max.)
Route-flight Time	120 mins (max.)
Standard Payload	3.0 kg
Max. Payload	5.0 kg
Max. Flying Range	65 km
Cruising Speed	20 m/s
Max. Rise Rate	5 m/s
Max. Drop Rate	3 m/s
Max. Rise Limit	5 km
Working Temperature	-40℃ ~ 50℃
Water Resistance Grade	IP67

Power System		
Ordinary Lithium Battery	Quantity	2
	Model	6S 24500mAh
	Rated Capacity	25.2V / 20A
	Weight	4.3 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-220V W
	Charging Output	20A (single-channel charging)
	Rated Power	1080W

Load Endurance
Load of 1 kg, the hover-flight time is 90 mins
Load of 2 kg, the hover-flight time is 75 mins
Load of 3 kg, the hover-flight time is 65 mins
Load of 4 kg, the hover-flight time is 60 mins
Load of 5 kg, thehover-flight time is 50 mins

* These industrial drones provide a flight platform, and we can offer a free in-depth customization solution for the drones based on the specific usage scenarios and requirements of our clients.

Mount Devices Compatible for Model T-X491

Dual-axis Gimbal Pod

· High-definition Camera: 1080P
· Dual-axis Stabilization
· Multi-angle True Field of View

Drone-mounted Megaphone

· Transmission Range of 3~5 km
· Small and Lightweight Speaker
· Clear Sound Quality

Deployment Box

· Max. Payload of 5 kg
· High-strength Structure
· Suitable for Delivering Materials

14x Single-light Pod

· Effective Pixels: 12 Million
· Lens Focal Length: 14x Zoom
· Min. Focus Distance: 10 mm

Illumination Device

· Rated Brightness: 4000 Lumens
· Beam Diameter: 3 m
· Effective Lighting Distance: 300 m

Drop Rope

· High-strength, Lightweight: 1.1 kg
· Quick-release, Heat-resistant
· Emergency Rescue Aerial Delivery

10x Dual-light Pod

· CMOS Size 1/3 Inch, 4 Million Pixels
· Thermal Imaging: 256*192 Pixels
· Wave: 8~14 μm, Sensitivity: ≤ 65 mk

Atmospheric Monitor

· Detectable Gas Types: Flammable Gas, Oxygen, Ozone, CO2, CO, Ammonia, Formaldehyde, etc

Remote Deployer

· A Key Remote Control
· Easy Operation
· Remote Control Pre-Set with Data

30x Dual-light Pod

· 30x 2-megapixel Optical Zoom Core
· 640*480 Pixel Infrared Camera
· Modular Design, Strong Extensibility

Multispectral Camera

· CMOS: 1/3”: Global Shutter,
· Effective Pixels: 1.2 Million Pixels
· Pest and Disease Assessment

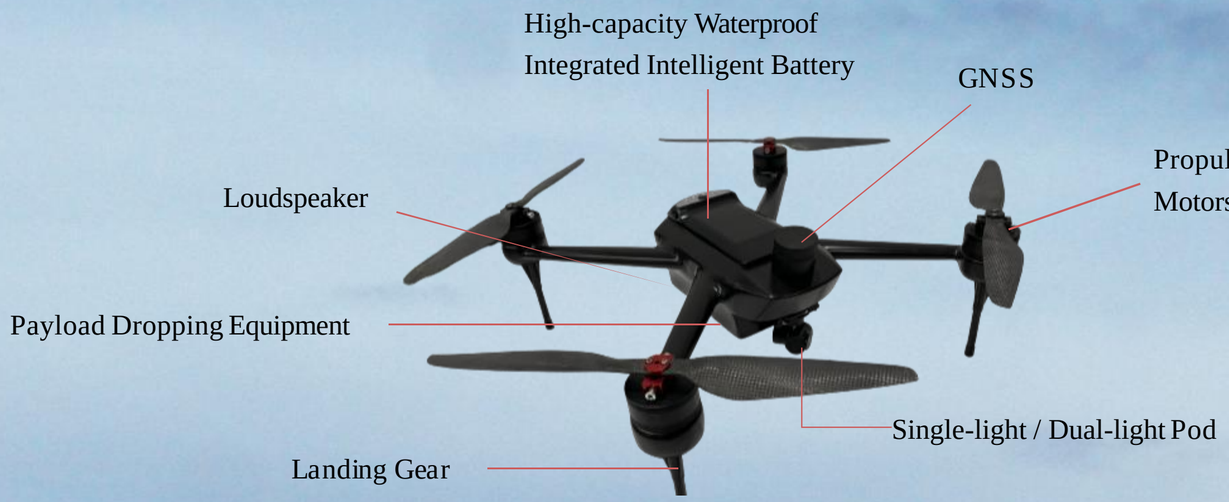
Automatic Release Hook

· Lifting Weight: ≤ 80 kg
· Automatic Opening of Hook upon Cargo Landing

Odin Series

T-X441 Long Endurance Drone

Max. Flight Time: 60 mins | Max. Payload: 2.5 kg



Power System		
Intelligent Battery	Quantity	1
	Model	6S 15000mAh
	Weight	1.5 kg
	Ambient Temperature for Charging	- 40℃ ~ 65℃
Smart Charger	Quantity	1
	Charging Input	110V-220V
	Rated Power	200W

Aerial Platform	
Dimensions (unfolded)	480 mm*480 mm*180 mm (18.90” x 18.90” x 7.09”)
Product Material	Carbon Fiber + 7075 Aviation Aluminum + Plastic
Net Weight	2 kg
Wind Resistance Level	Level 6
Payload Module	Quick Release & Replacement

Flight Parameters	
Max. Flight Time	60 mins
Max. Take-off Weight	6 kg
Max. Payload	2.5 kg
Max. Flight Range	5 km
Max. Speed	20 m/s
Max. Rise / Drop Rate	5 m/s

GPS	
GPS Operating Modes	RTK / GPS Positioning
Positioning Accuracy	5 cm
Navigation Control	Dual-frequency GPS Navigation
Mission Mode	Fully Automatic
Safety Mechanism	Supports Attitude Anomaly Return to Home, Automatic Hovering upon GPS Loss, Automatic Return to Home on Disconnection, etc.

* These industrial drones provide a flight platform, and we can offer a free in-depth customization solution for the drones based on the specific usage scenarios and requirements of our clients.

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Mount Devices Compatible for Model T-X441

Dual-axis Gimbal Pod (Standard)

· High-definition Camera: 1080P
· Dual-axis Stabilization
· Multi-angle True Field of View

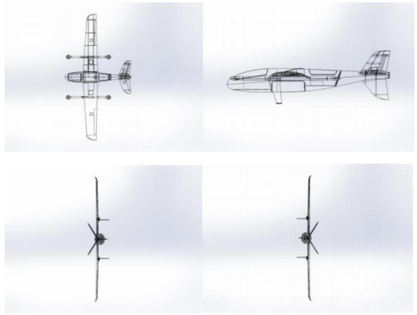
Drone-mounted Megaphone

· Transmission Range of 3~5 km
· Small and Lightweight Speaker
· Clear Sound Quality

Miniature Drop Dispenser

· Dual Path Throwing
· Capable of Carrying up to 2 kg
· On A Single Path

T-V13-5 Sentinel Series Vertical Take-off Inspection Drone



Picture

Packing Picture

Unfold Drone Display

Drone Size

Length	1260mm
Unfold	2500mm
Landing Gear Height	195mm
Mission Compartment Size	260mm*172mm*90mm
Bartery Compartment Size	260mm*150mm*85mm
Packing Size	1500mm*490mm*370mm

Drone parameters

Landing method	Vertical Take-off or Landing
VTOL Power Blades Size	16/17 inches（Suggestion）
Fixed Wing Tail Propeller Blade Size	15~17 inches（Suggestion）
Fixed Wing Max. Thrust-weight Ratio	0.65（Standard Configuration）
Highland Performance	Passed the highland test
Standard Take-off Weight (No load)	11.2kg

System Parameters

Power Device Type	Electric brushless engine; Electronic speed control system
Body Materials	Carbon fiber, fiberglass, Kevlar, PVC, etc
Position of the Landing Gear	Below the rotor rod
Position of the Mission Compartment	Below the center of gravity of the drone
Structural Weight	Approximately 3200g (including all structural and installation components)
Maximum Take-off Weight	≤ 13.5kg
Maximum Payload	5kg (Payload: 1.2kg)
Bettery Endurance	210mins
Maximum Control Distance	Ground station/5km-80km
Standard Cruising Speed on the Plain	68km/h (approximately 19m/s 12.5kg) (recommended cruising speed for mountainous operations is 21m/s 12.5kg)
Maximum Cruising Speed	108km/h（30m/s）
Standard Battery Configuration	22.8v/25Ah*2（45.6V）
Never Exceed Speed	120m/h（approximately 34m/s）
Maximum Flight Radius	200km
Maximum Altitude Limit for Level Flight	5km
Wind Resistance Capability of the Fixed Wing Mode	≤ 6 Level
Maximum Wind Resistance of the Rotor Takeoff and Landing Mode	≤ 4 Level
Operating Environment	-20 ℃~45 ℃; Can fly in light rain
Emergency Operation Time of the Rotor	Shall not be less than 6.5 minutes (under independent power supply of the rotor battery (non-standard power configuration))
Safe Voltage When Rntering the Landing Route	Should not be less than 44V (using Gree high-voltage battery)

Skytech

Cleaning Drone

- Multiple configurations meet most outdoor cleaning needs in the air
- Customizable batteries for efficient operation

Cleaning Drone S-H60-4 (50m)

45°

90°

180°

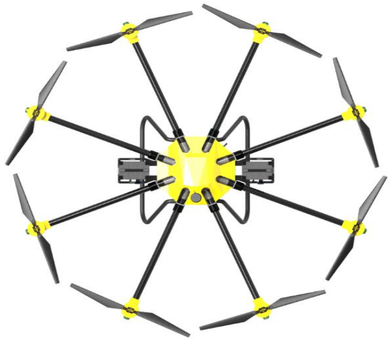
Basic Parameters

Product Materials	Aviation carbon fiber+aviation aluminum	Flight Radius	≤ 5000 meters
Drone Size	1900mm x 1900mm x 660mm (Unfolded) 660mm x 660mm x 660mm (Folded)	Flight Speed	1-15 m/s
Flight Altitude	≤ 50m	Aircraft Engine Lifespan	≥100,000 hours
Maximum Take-off Weight	60 kg	Aircraft Frame Lifespan	≥10 years
Weight (Excluding Battery)	20 kg	Windproof Grade	≤Class 7

Configuration

Type	Flight Time	Battery	Power System
Water Tank Version（Ordinary Battery）	8~20 mins	14S 28000mAh	Intelligent Lithium Battery
Ground Pressurized Version (Ordinary Battery）	8~20 mins	14S 28000mAh	
Ground Pressurized Version (Customized Battery）	25~40 mins	Customized Battery	
Ground Pressurized Version (Tethered Equipment)	No Time Limit	/	/

Cleaning Drone S-H120 (50-100m）



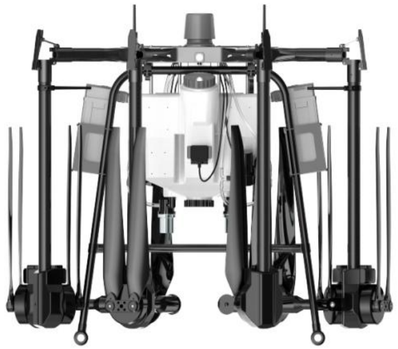
Basic Parameters

Product Materials	Aviation carbon fiber+aviation aluminum	Flight Radius	≤ 5000 meters
Drone Size	2760 * 2760 * 850 millimeters (Unfolded) 870 * 1000 * 1955 millimeters (Folded)	Flight Speed	1-15 m/s
Flight Altitude	≤ 100m	Aircraft Engine Lifespan	≥100,000 hours
Maximum Take-off Weight	113 kg	Aircraft Frame Lifespan	≥10 years
Weight (Excluding Battery)	44 kg	Windproof Grade	≤Class 7

Configuration

Type	Flight Time	Battery	Power System
Ground Pressurized Version (Ordinary Version)	8~10mins	14S 28000mAh	Intelligent Lithium Battery
Ground Pressurized Version (Customized Version)	25~40 mins	Customized Battery	Intelligent Lithium Battery
Ground Pressurized Version (Tethered Equipment)	No Time Limit	/	/

Cleaning Drone S-H200 (Above 100 meters)



Basic Parameters

Product Materials	Aviation carbon fiber + aviation aluminum	Flight Radius	≤ 5000 meters
Drone Size	3160*3160*1300mm (Propeller Folded) 4445*4445*1300 mm (Propeller Unfolded) 1300*1300*1300mm (Folded)	Flight Speed	1-15 m/s
Flight Altitude	＞ 100m	Aircraft Engine Lifespan	≥ 100,000 hours
Maximum Take-off Weight	193 kg	Aircraft Frame Lifespan	≥ 10 years
Weight (Excluding Battery)	71 kg	Windproof Grade	≤ Class 7

Configuration

Type	Flight Time	Battery	Power System
Water Tank Version (Ordinary Battery)	8~20 mins	18S 30000mAh	Intelligent Lithium Battery
Water Tank Version (Customized Battery)	25~40 mins	Customized Battery	

Cleaning Drone Accessories

Ground Pressurization Device		
Photo		
Size	610*450*480mm	650x590x660mm
Maximum Power	5.5 KW	13 KW
Max Water Flow	32 L/min	1620L/min
Rated Voltage	220 V	Gasoline
Pressure	**Max Pressure:** 28mpa	**Rated Pressure:** 0.65mpa
Weight	50 kg	84 kg
Water Intake Method	Connect the self-priming water tap/pipe	Connect the self-priming water tap/pipe

Pipe	
	
Angle	45°, 90°, 180°
Length	1.06 m
Material	Stainless Steel
Weight	1 kg

Rocker Arm	
	
Spray Range	3-6 m

Skytech UAV

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