

Tech Specs

TG26 Agricultural Drone

Basic Parameters			
Wheelbase	2034 mm (six-axis)	Weight	24.2kg (excl. battery)
Dimension	2660×2474×780mm (Unfolded)	Max takeoff weight	59.5kg
	1095×620×780 mm (Folded)	Battery	24000mAh@14S (58.8V)
Width of spray	5- 8m (9 nozzles, depending on different crops)	Nozzle type	High-pressure nozzle
		Nozzle number	9 nozzles
Tank capacity	26L	Max flow rate	6L/min
Efficiency	14.67 Ha/ hr		
Hovering time	20min (Unloaded)	Positioning Accuracy	Horizontal ±10cm
	9min (Loaded)		Vertical ±10cm (RTK enabled)
Operation height	1.5m ~ 3m	Terrain following accuracy	0.1m
Max flight speed	8m/s	Obstacle avoidance	1 ~ 20m
		detection range	

COMPANY PROFILE

Make all UAVs easy to use all over the world

R&D takes up more than 60% of the 200 employees in our company. TopxGun boasts a team of talents graduated from world-known aeronautics and astronautic universities such as NUAU and Beihang University, who have rich knowledge and experience in designing UAV, military aircrafts, and large aircrafts.

Since it was founded, TopxGun has been making technological breakthrough, with 300+ intellectual properties and 200+ patents being filed. TopxGun owns qualifications including High Technology Enterprise Certificate, ISO9001, ISO20000, ISO27001, etc. Our UAVs has passed international tests such as CE, FCC, FOHS and KC.

Currently focusing on drones for plant protection, TopxGun has been optimizing products according to agricultural professionals' feedback. Now 20000+ sets of TopxGun flight control for plant protection have been sold to 400+ domestic and 100+ overseas clients, which include Japan, Korea, Thailand, Australia and other countries in East Asia and North America.



8th Building, Jiangsu Software Park, No.1 Dongji Avenue,
Jiangning Economic Development Zone, Nanjing, CHINA
☎ 400-788-3426 ✉ allsales@topxgun.com



TG26
TopXGun Agricultural Drone
TG Series

TopXGun Robotics

Professional Provider of UAV Flight Controller System, UAV and Application Solution

Outstanding Capacity, Higher Efficiency

- ◆ 120 hectares/day, which is 180 times the efficiency of manual spraying.
- ◆ The drone is equipped with a landing light to ensure night time operation safety.
- ◆ High-power charger can connect to 4 batteries at the same time. A battery can be fully charged from 30% in less than 30 minutes.



Precise and Even Spraying with High Efficiency and Good Penetration

- ◆ Equipped with dual pumps, 9 nozzles, dual flow meters. The max flow rate is 6L/min.
- ◆ High pressure fan flat nozzles, providing fine atomization with a mean droplet diameter of 170-265 μm .
- ◆ Precise metering system to avoid insufficient spraying/overdose. Real-time displayed remaining volume on RC (Plant Protection Assistant APP)



One Drone, Two Applications

- ◆ The spraying system can be replaced by spreading system by easy steps. TG26 can be used for seed sowing, fertilizing, fish feeding and plant protection.



▲ TG26 with spreading system

Easy to Operate, Quick to Start

- ◆ Swappable tank makes refilling and cleaning easier.
- ◆ Comprehensive training is offered to help users independently operate in 3 days and become skillful in 7 days.
- ◆ 5.5-inch high brightness display for the RC ensures clear outdoor image. Battery lasts for 6-8 hours.
- ◆ Multiple operation modes: A-B point, manual and autonomous. Simple setup to quickly start operation.



Precise Positioning, Safe Flight

- ◆ RTK positioning technology, supporting Beidou / GPS / GLONASS, and equipped with dual anti-interference antenna. Centimeter-level accuracy ensures the drone taking off and landing at the same point.
- ◆ A magnetic compass is equipped to ensure the drone flies straight in the right direction even when RTK is unavailable.
- ◆ The front and rear obstacle avoidance radars offers $\pm 10\text{cm}$ accuracy, effectively avoiding obstacles such as utility poles and trees.
- ◆ 6-rotor design, which makes it more reliable in the case of a motor or prop loss.

Durable, Foldable and Easy to Transport

- ◆ Foldable design for easy storage and transportation.
- ◆ Tough and durable. High strength carbon fiber arm, and high toughness folding structure.
- ◆ The drone body is IP67 waterproof, which can be washed with running water after operation.



Timely After-sales Service

- ◆ Online support from professional technique team will offer technical solutions.
- ◆ Modular design: users can replace certain damaged modules by themselves instead of returning the drone to manufacturer.

More Advanced Technology Makes the Drone Smarter

- ◆ Terrain following radar is equipped to adjust the altitude of the drone to ensure flight safety and even spraying.
- ◆ Predict the breakpoint according to the route plan so that users can wisely arrange the timing for refill to improve battery efficiency.
- ◆ FPV (First-person view) enables user to see real-time 720p image of the environment in front of the drone on the RC display.
- ◆ Users can check operation data on the Plant Protection Assistant APP installed in the RC, which provided with route planning, voice broadcast, field management, and operation area statistics, etc.

