



Goldpin Design Award
Spray Drone Master

TY 800



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TY 800 Intelligent Agricultural Drone



Strong Downward Airflow

Helicopter produces powerful downward airflow and strong penetration. Perfect for fruit trees and helpful for better chemical absorption.



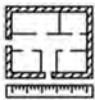
Autonomous / Manual Mode

Our drone can work automatically or control by a controller.



Voyage Obstacle Avoidance

With pre-mapping, the drone will keep away from the obstacle & go back to the route automatically.



Programmed Spray Route

Autoplanned route will cover the full area, without miss or overlap. Intelligent spray will increase or decrease the flow according to the speed through control of a flowmeter.



Smart Spraying System

Front nozzles and rear nozzles can work separately. In strong spraying mode, the water flow can doubling up to 3.2L / min.

High Efficiency

With 7m spray width, helicopter can spray 10 ha per hour. perfect for large scale of field.



Intelligent AB Point Mode

Lengthen or shorten the route apply to all irregular shapes of the field



Penetration

Strong Penetration help the chemical reaching the top, middle and bottom part of plant.



One key take-off / Return

When flying route and obstacle avoiding is been set. Drone will automatically finish the task and return to the home point.



Cloud Management Platform

PC web-based system and mobile app help you monitoring smart farm.



Accessories:



2.4G Remote Control



22000 mAh
Intelligent Battery



Smart Balance Charger



Specifications

Tank Capacity	25 L
Working Size	3000*2700*640 mm
Spraying Width	6.5 - 7 m
Recommended Spraying Height	2.5 - 3 m
Flying Speed	2 - 6 m/s
Single Flight Efficiency	1.7 Ha
Daily Efficiency	80 - 100 Ha /day



wheat cotton corn sugar cane rice banana apple orange mango



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