

AGRICULTURE DRONES

92L/100KG

FERTILIZATION SOWING
PESTICIDE SPRAYING IRRIGATION
AGRICULTURE DRONE



A92

PRODUCT DETAILS

This agricultural drone is an unmanned aerial vehicle used for agricultural and forestry plant protection operations. It consists of three parts: a flight platform, GPS flight control, and a spraying mechanism. It can spray pesticides, seeds, powders, and other operations through ground remote control or GPS flight control.

The main components of agricultural drones include flight platforms (fixed wing, single rotor, multi rotor), GPS flight control systems, and spraying mechanisms. The flight platform provides flight capabilities, the GPS flight control system ensures the accuracy of the drone's positioning and flight path, and the spraying mechanism is responsible for implementing spraying operations.

The application of agricultural drones in agriculture is very extensive, not only for spraying pesticides, but also for various tasks such as fertilizing, sowing, and feeding. They can quickly and efficiently provide the latest information, helping farmers increase crop yields, save time, reduce expenses, and take action with unparalleled accuracy and precision.

BEONDT 92L agricultural drone can cover multiple scenarios of "agriculture, forestry, animal husbandry, and fishing" operations, including field spraying, field sowing, fruit tree spraying, fruit tree sowing, and aquatic product sowing. T60 adopts high-strength propeller blades and large load motors, with the ability to carry 92L spraying load and 100kg sowing load, suitable for various complex terrains and crops.

AERIAL PLATFORM

Structural Design	: 8-Axis, Fold-down
Dimensions (folded)	: 1300*1300*1300 mm
Dimensions (unfolded)	: 3160*3160*1300 mm (propeller folded) 4445*4445*1300 mm (propeller unfolded)
Weight	: 71 kg
Max. Take-off Weight	: 193 kg
Rated Payload	: 100 kg
Max. Liquid Capacity	: 92 L
Waterproof Grade	: Ip67
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	: 6 ~ 15 mins
Max. Flight Speed	: 15 m/s
Omnidirectional Hovering	: Capable of Hovering in any Direction
Obstacle Avoidance	: Standard Front and Rear Obstacle Avoidance Radar
Terrain Follwing Flight	: Standard Terrain-following Radar
Flight Mode	: Auto / AB Point / Manual
GNSS	: GPS / BDS / Glonass
Camera	: HD FPV Camera
Night Flight Mode	: High-brightness LED Night Navigation Light
Remote Control	: 5.5-inch High Brigh Screen
Automatic- Features	: Automatic Altitude Hold, Automatic Position Hold, Automatic Obstacle Avoidance,Return to Home (RTH) on Loss of Control / Low Voltage / Empty Tank,Breakpoint Resumption Spraying
New Feature	: Quick-release Arms and Landing Gear, Cabin Cooling System

SPRAYING SYSTEM

LIQUID TANK	CAPACITY	92 L
Nozzles	Nozzle Type	Centrifugal Nozzles
	Quantity	4
	Spray Width	8 ~20 m
Pump	Quantity	2
	Max. System Flow Rate	24 L/min
	New Feature	Dual External Filters