

JT20L Agricultural Drone





Main Drone Image

Compact JT20L agricultural drone for spraying and spreading granular materials.

Agricultural Drone for Spraying and Spreading

JT20L Agricultural Drone

Compact 20 L Drone for Spraying Crops, Orchards and Plantations

JT20L-40 is a compact agricultural drone designed for spraying and spreading granular materials. The model has a spray tank with a capacity of **20 litres** and a design based on **4 arms and 4 propellers**.

The drone is suitable for farms, orchards, plantations and precision agricultural treatments. A spray width of **>4–6 m** and a capacity of **9–11 ha/h** enable efficient work on small and medium-sized areas.

20L

Spray Tank

20 litres

4X

Construction

4 arms / 4 propellers

4-6

Spray Width

>4–6 m

11



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Work Capacity

9–11 ha/h

Compact Agricultural Drone for Modern Crop Protection and Precision Application.

The JT20L-40 combines a 20 L tank, a 4-arm design, an efficient spraying system and autonomous-flight capability via an app.

Key Benefits

Why Choose the JT20L-40 Drone?

20L

20 L Spray Tank

A 20-litre capacity provides convenient operation when spraying field crops, orchards and plantations.

4X

4-Arm Construction

The 4-arm and 4-propeller configuration makes the model compact, practical and convenient for everyday operation.

6–7

Spray Width >4–6 m

The drone enables even spraying over a width above 4–6 metres, allowing crops to be covered efficiently with spray liquid.

11

Capacity 9–11 ha/h

The model enables agricultural treatments to be carried out quickly on small and medium-sized areas.

Spray System

Precise Application of Spray Liquid

The JT20L-40 is equipped with 2 centrifugal nozzles with a flow rate of 4–5 L/min, enabling effective and even distribution of spray liquid when treating crops, orchards and plantations.

1



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Liquid Preparation

The 20 L tank allows a suitable amount of spray liquid to be prepared for treating field crops, orchards or plantations.

2

Even Spraying

Two centrifugal nozzles with a flow rate of 4–5 L/min support effective coverage of the working area.

3

Autonomous Flight

The autonomous-flight app facilitates route planning, work control and spraying according to the planned area.

Spraying and Spreading

One Machine for Multiple Agricultural Tasks

The JT20L-40 can operate not only as a spraying drone, but also as equipment for applying granular materials. The 20 L spreading tank increases machine versatility and enables it to be used for a variety of agricultural tasks.

20L

20 L Spreading Tank

Capability for fertiliser spreading and application of other granular materials.

2

2 Centrifugal Nozzles

Centrifugal nozzles help distribute spray liquid evenly.

14S

14S Battery

The 14S 20000 mAh battery provides the energy required for field operation.

APP



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Flight App

Autonomous flight planning facilitates operation and increases treatment precision.

Applications

What Can You Use the JT20L-40 For?

Spraying and Crop Protection

- Field-crop spraying.
- Crop protection.
- Foliar fertilisation.

Orchards and Plantations

- Orchard spraying.
- Plantation work.
- Treatment in hard-to-reach areas.

Spreading and Farm Work

- Fertiliser spreading.
- Granular-material application.
- Work on small and medium-sized areas.

Specifications

Full Technical Specification

Model **JT20L-40 / JT20** according to the technical data sheet

Equipment Type **Agricultural Drone for Spraying and Spreading**

Spray Tank Capacity **20 l**

Construction **4 arms, 4 propellers**

Net Weight **17,3 kg**

Take-Off Weight **44 kg**

Flight Time **10–15 min**

Flight Radius **0–1000 m**

Flight Altitude **0–30 m**

Flight Speed **0–12 m/s**

Operating Temperature **-10–70°C**

Operating Humidity **0–90%**



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Spraying Speed **0–8 m/s**

Spray Width / Number of Nozzles **>4–6 m / 2 centrifugal nozzles**

Spray Flow Rate **4–5 l/min**

Spraying Capacity **9–11 ha/h**

Downwash Airflow **4–15 m/s**

Wind Resistance **10 m/s**

Unfolded Dimensions **width 1.4 m × length 1.35 m × height 0.7 m**

Folded Dimensions **width 0.88 m × length 0.77 m × height 0.7 m**

Motor **Brushless**

Propellers **Carbon Fibre**

ESC **Fast throttle response**

Flight Controller **V9**

Remote Controller **H12 RC**

Battery **14S 20000 mAh / 1 szt.**

Charger **3000 W dual-channel charger**

Spreading Tank **20 l**

Operating Mode **Autonomous-flight app**

Transport Case **Aluminium transport case**

Tool Kit **Maintenance and repair tools**

Applications **Crop spraying, crop protection, foliar fertilisation, fertiliser spreading and granular-material application**

Intended Use **Farms, orchards, plantations and small and medium-sized areas**

Condition **New**