# LIKIU

# Likiu Agricultural Spraying Drones




Civilian agricultural UAVs for plant-protection spraying and spreading. Tank capacity, hopper options, operating efficiency, batteries and regional operating requirements depend on the selected configuration and must be confirmed before purchase.

**Company:** Zhongke Likiu (Jinan) Robot Co., Ltd.
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Source: user-supplied Likiu Drone Manual and 产品目录Catalog.pdf. This is a clean derivative limited to the products in this booth. Specifications are not an offer, warranty or certification. Confirm model, configuration and compliance before purchase.

# Likiu Z50 Agricultural Drone



Agricultural drone for crop-protection and spreading workflows, with terrain-following and obstacle-avoidance functions described in the supplied catalogue.

- **Maximum take-off weight:** 106 kg
- **Maximum payload:** 55 kg
- **Tank capacity:** 80 L
- **Spray width:** 8–12 m
- **Protection rating:** IP67
- **Navigation:** GPS
- **Terrain-following radar:** Supported
- **Nozzle type:** Centrifugal nozzles
- **Droplet size:** 50–500 μm
- **Source:** 产品目录Catalog, PDF page 10
- **Note:** Operating-efficiency and dimensional fields require confirmation against the selected configuration.

# Likiu Z80 Multifunction Agricultural UAV



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Multifunction agricultural UAV for plant-protection operations with configurable operating and payload systems.

- **Empty weight including battery:** 66.2 kg
- **Rated take-off mass:** 141.2 kg
- **Maximum take-off mass:** <150 kg
- **Hover time:** ≥15.0 min
- **Maximum flight speed:** 13.8 m/s
- **Maximum operating speed:** 10 m/s
- **Horizontal operating distance:** 1000 m
- **Maximum take-off altitude:** 2000 m
- **Recommended operating temperature:** 0–40 °C
- **Source:** 产品目录Catalog, PDF page 10

## Likiu S-30 Plant Protection Drone




Agricultural spraying drone with a 30 L tank, 50 L hopper and terrain-oriented field operation functions.

- **Empty weight:** 32.7 kg
- **Rated take-off weight:** 62.7 kg
- **Tank capacity:** 30 L
- **Hopper capacity:** 50 L
- **Maximum flow rate:** 7 L/min
- **Maximum flight speed:** 3–10 m/s
- **Spray width:** 6–9 m
- **Operation efficiency:** 10–14 hectares/hour
- **Charger output power:** 7200 W
- **Source:** Likiu Drone Manual, PDF page 27

## Likiu S-50 Agricultural Spraying & Spreading Drone




Agricultural drone with a 50 L tank and 80 L hopper for crop spraying and spreading operations.

- **Empty weight including battery:** 40.5 kg
- **Rated take-off weight:** 95.5 kg
- **Tank capacity:** 50 L
- **Hopper capacity:** 80 L
- **Maximum flow rate:** 16 L/min
- **Flight speed:** 3–10 m/s
- **Spray width:** 8–10 m
- **Broadcast width:** 6–10 m
- **Operation efficiency:** 30–35 hectares/hour
- **Hover time:** 7–9 min loaded; 20–30 min unloaded
- **Source:** Likiu Drone Manual, PDF page 27