

Utility Drones



Fig.: Utility drone equipped with sprayer unit.



Fig.: Tethered utility drone with sprayer.

Draft Video on Spray Drone and Lighting Drone

- **Part 1:** Spray Drone
- **Part 2:** Lighting Drone

[draft_drone.mp4](#)

Video: (1) Spray Drone, (2) Lighting Drone.

Draft of a wireless-network-attached Drone



Fig.: Tethered utility drone with network devices.

- Power consumption of the tethered drone

State	mains power consumption (230V)
motors off, connected to mains power	~150W
flying, connected to mains	~1500-1800W
flying, disconnected from mains	0W

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