

DJI AGRAS T100

Technical Sheet | Agricultural Drone

MAX. PAYLOAD
100 kg

Powerful. Precise. Versatile.

The DJI AGRAS T100 was developed for professional applications in modern orchards and vineyards. With a 100-liter spray tank, a 150-liter spreading tank, and advanced LiDAR, radar, and vision technology. It enables precise, efficient, and safe operations – even in challenging terrain and complex crops.

100 L

Spray Tank

40 L/min

Max. Flow Rate

150 L

Spreading Tank

72 km/h

Max. Operating Speed

AIRCRAFT

Weight in spraying configuration	75 kg / 77 kg (4 nozzles)
Max. Takeoff Weight	175 kg / 177 kg (4 nozzles)
Dimensions unfolded	3220 × 3224 × 975 mm
Dimensions folded	1105 × 1265 × 975 mm
Diagonal Wheelbase	2330 mm
Max. Configurable Flight Radius	2 km
Wind Resistance	< 21.6 km/h
Operating Temperature	0 to 40 °C
RTK Hovering Accuracy	±10 cm horiz. / ±10 cm vert.

SPREADING SYSTEM

Tank Capacity	150 L
Max. Payload	100 kg
Max. Spreading Rate	400 kg/min
Effective Spreading Width	3-10 m
Feeding System	Screw Conveyor
Spreading Disc	Centrifugal Disc
Granule Size	0.5-10 mm

SPRAYING SYSTEM

Tank Capacity	100 L
Operating Payload	100 kg
Nozzles	2 standard / 4 optional
Droplet Size	50-500 µm
Effective Spray Width	5-13 m
Pumps	2× Magnetic Impeller Pumps
Max. Flow Rate	30/40 L/min

SAFETY & POWER

Safety System	LiDAR + Radar + Penta-Vision
Detection Range	up to 60 m
Safe Obstacle Avoidance	up to 49.7 km/h
Charging System	C12000 Smart Charger
3-Phase Charging Power	up to 12,000 W
Single-Phase Charging Power	up to 3,000 W
DB2160 Charging Time	8-9 min (30-95%)



FLY SÜDTIROL