PAYLOAD DRONE · SKU AX-G190

GAIA 190MP Heavy Lift Drone

1925 mm wheelbase heavy-lift industrial drone with 55 kg maximum take-off weight.



MAX TAKE-OFF WEIGHT	WHEELBASE	CLASS	USE
55 kg	**1925 mm**	**Heavy lift**	**Cargo & sensors**

The **GAIA 190MP** is a heavy-lift industrial drone built around a **1925 mm wheelbase** with a **55 kg maximum take-off weight (MTOW)**. That large frame and generous weight budget make it a flexible base. Operators use it for cargo, for heavy survey sensors, and as a starting platform for custom integration projects.

Drone specifications are easy to misread, so it is worth being clear. **Maximum take-off weight** is the total the aircraft can lift: airframe, batteries and payload combined. **Payload** is what is left once you subtract the airframe and batteries. A 55 kg MTOW drone does not carry 55 kg of cargo. Its usable payload depends on the battery configuration you choose. More battery means longer flight but less payload, and the reverse.

When you request a quote, tell us what you need to carry and for how long. We will recommend a battery configuration and confirm the usable payload and flight time for that setup.

Key features

55 kg MTOW. A large take-off weight budget, shared between batteries and payload, for heavy sensors or cargo.

1925 mm wheelbase. A big, stable airframe that handles large payloads and gusty conditions well.

Dual-role platform. Configure for cargo one day and survey sensors the next.

Sensor integration. Room and lift for LiDAR, multispectral, thermal and other heavy sensor packages.

Built for integrators. A popular base for custom builds and payload integration projects.

Specifications

PAYLOAD & PERFORMANCE	
Max take-off weight (MTOW)	55 kg
Usable payload	Confirmed in quotation
Flight time	Confirmed in quotation
Operating range	Confirmed in quotation
Wind resistance	Confirmed in quotation
AIRFRAME	
Wheelbase	1925 mm
Configuration	Confirmed in quotation
Empty weight	Confirmed in quotation
Folded dimensions	Confirmed in quotation
SYSTEMS	
Flight controller	Confirmed in quotation
Positioning	Confirmed in quotation
Payload interfaces	Cargo, gimbal and sensor mounts (configured to order)
COMMERCIAL	
Lead time	Confirmed in quotation
Warranty	Confirmed in quotation
Shipping	Sea, air or express; batteries ship as Class 9 dangerous goods (UN3480/UN3481)

Applications

LiDAR and survey · Cargo transport · Infrastructure inspection · Research platforms

Specifications may vary by production batch; your written quotation takes precedence.

Request a quote: https://gokarts.voltexmotionsupply.com/request-quote/?product=gaia-190mp-heavy-lift-drone
Phone / WhatsApp +61 2 7989 1363 | sales@voltexmotionsupply.com