VOLTEX MOTION & SUPPLY · PREMIUM MOBILITY & DRONES

Payload Drone Catalog

Industrial payload drones from 3.2 kg to 70 kg payload for cargo, agriculture, survey, inspection, security and rescue missions.



Models in this catalog

Model	Summary	Key figure
P50 Heavy Lift Drone	50 kg payload heavy-lift drone for delivery, firefighting support, rescue drops and industrial inspection.	50 kg
THEA 200MP Coaxial Octocopter	8-axis coaxial heavy-lift octocopter rated for 70 kg payload with up to 45 minutes endurance.	70 kg

THEA 190MP Coaxial Octocopter	8-axis coaxial octocopter with 50 kg payload and 20-minute rated flight, for heavy industrial lifting.	50 kg
THEA 220MP Heavy Lift Quadcopter	Large-format quadcopter with 40 kg payload. A simple, efficient heavy lifter with fewer motors to maintain.	40 kg
GAIA 190MP Heavy Lift Drone	1925 mm wheelbase heavy-lift industrial drone with 55 kg maximum take-off weight.	55 kg
GAIA 160MP Hexacopter	Six-rotor industrial hexacopter with 20 kg payload: a versatile mid-weight platform for sensors, cargo and inspection.	20 kg
D50 Transport Drone	50 kg payload transport drone rated to 5000 m altitude and 10 km range, built for mountain and long-distance cargo.	50 kg
TTA G300 Agriculture Drone	Six-axis agricultural drone with a 30 L tank for spraying and seed spreading, rated at about 24 acres per hour.	30 L
MX4-10 Multi-Function Industrial Drone	5 kg payload, 10 km multi-function drone with loudspeaker, searchlight and drop thrower. Rescue-ready, with OEM/ODM support.	5 kg
SY800 Heavy Lift Drone	2–10 kg payload drone with 10 km range, 3-axis 1080P/2K camera, GPS, thrower, loudspeaker and lighting.	2–10 kg
SwellPro Fisherman MAX FD2	Waterproof IP67 heavy-lift fishing drone with 3.2 kg bait release, 1 km range and 4K camera.	3.2 kg

Ordering: send product, quantity, configuration and destination to sales@voltexmotionsupply.com or https://gokarts.voltexmotionsupply.com/request-quote/ for a written quotation.

PAYLOAD DRONE · SKU AX-P50

P50 Heavy Lift Drone

50 kg payload heavy-lift drone for delivery, firefighting support, rescue drops and industrial inspection.



MAX PAYLOAD	ROLE	CLASS	VIDEO
50 kg	**Cargo / rescue / firefighting**	**Heavy lift**	**Flight demo below**

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	50 kg
Flight time	Confirmed in quotation
Operating range	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
Ingress protection	Confirmed in quotation
AIRFRAME	
Configuration	Confirmed in quotation
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
Folded dimensions	Confirmed in quotation

SYSTEMS	
Flight controller	Confirmed in quotation
Positioning	Confirmed in quotation
Payload interfaces	Cargo hook / release, firefighting and rescue payloads (configured to order)
Ground station	Confirmed in quotation
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

Logistics and last-mile cargo · Firefighting support · Search and rescue · Construction and utilities · Industrial inspection

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

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PAYLOAD DRONE · SKU AX-T200

THEA 200MP Coaxial Octocopter

8-axis coaxial heavy-lift octocopter rated for 70 kg payload with up to 45 minutes endurance.



MAX PAYLOAD	ENDURANCE	LAYOUT	CLASS
70 kg	**Up to 45 min***	**8-axis coaxial**	**Ultra heavy lift**

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	70 kg
Endurance	Up to 45 minutes (manufacturer figure; falls with payload)
Operating range	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
AIRFRAME	
Configuration	Coaxial octocopter (4 arms × 2 rotors, 8 motors)
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
Folded dimensions	Confirmed in quotation
SYSTEMS	

Flight controller	Confirmed in quotation
Positioning	Confirmed in quotation
Payload interfaces	Cargo hook / release and custom mounts (configured to order)
Ground station	Confirmed in quotation
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

Heavy cargo transport · Mining and quarrying · Energy and utilities · Disaster logistics · Research and payload testing

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PAYLOAD DRONE · SKU AX-T190

THEA 190MP Coaxial Octocopter

8-axis coaxial octocopter with 50 kg payload and 20-minute rated flight, for heavy industrial lifting.



MAX PAYLOAD	FLIGHT TIME	LAYOUT	CLASS
50 kg	**20 min (rated)***	**8-axis coaxial**	**Heavy lift**

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	50 kg
Flight time	20 minutes (rated; confirm load condition in quote)
Operating range	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
AIRFRAME	
Configuration	Coaxial octocopter (4 arms × 2 rotors, 8 motors)
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
SYSTEMS	
Flight controller	Confirmed in quotation

Positioning	Confirmed in quotation
Payload interfaces	Cargo hook / release and custom 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

Construction shuttles · Utility work · Mining sites · Relief supply drops · Agricultural logistics

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PAYLOAD DRONE · SKU AX-T220

THEA 220MP Heavy Lift Quadcopter

Large-format quadcopter with 40 kg payload. A simple, efficient heavy lifter with fewer motors to maintain.



MAX PAYLOAD	LAYOUT	MOTORS	CLASS
40 kg	**Quadcopter**	**4 large-format**	**Heavy lift**

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	40 kg
Flight time	Confirmed in quotation
Operating range	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
AIRFRAME	
Configuration	Quadcopter (4 arms, 4 motors)
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
SYSTEMS	
Flight controller	Confirmed in quotation

Positioning	Confirmed in quotation
Payload interfaces	Cargo hook / release and custom 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

Construction logistics · Utility and telecom · Agricultural transport · Remote resupply

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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**

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

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PAYLOAD DRONE · SKU AX-G160

GAIA 160MP Hexacopter

Six-rotor industrial hexacopter with 20 kg payload: a versatile mid-weight platform for sensors, cargo and inspection.



MAX PAYLOAD	LAYOUT	CLASS	USE
20 kg	**Hexacopter (6 rotors)**	**Mid-heavy industrial**	**Sensors, cargo**

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	20 kg
Flight time	Confirmed in quotation
Operating range	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
AIRFRAME	
Configuration	Hexacopter (6 arms, 6 motors)
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
SYSTEMS	
Flight controller	Confirmed in quotation
Positioning	Confirmed in quotation
Payload interfaces	Gimbal, sensor and cargo 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

Mapping and survey · Inspection · Light cargo · Security and public safety · Research

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PAYLOAD DRONE · SKU AX-D50

D50 Transport Drone

50 kg payload transport drone rated to 5000 m altitude and 10 km range, built for mountain and long-distance cargo.



MAX PAYLOAD	RANGE	ALTITUDE RATING	ROLE
50 kg	**10 km**	**5000 m**	**Cargo transport**

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	50 kg
Operating range	10 km
Service altitude	5000 m
Flight time	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
AIRFRAME	
Configuration	Confirmed in quotation
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
SYSTEMS	
Flight controller	Confirmed in quotation
Positioning	Confirmed in quotation
Payload interfaces	Cargo box / hook / release (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

Mountain logistics · Island and coastal delivery · Mining and energy · Disaster relief · Border and remote infrastructure

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PAYLOAD DRONE · SKU AX-G300

TTA G300 Agriculture Drone

Six-axis agricultural drone with a 30 L tank for spraying and seed spreading, rated at about 24 acres per hour.



TANK	WORK RATE	LAYOUT	MODES
30 L	**≈24 acres/hour***	**6-axis**	**Spray + seed spread**

Specifications

PAYLOAD & PERFORMANCE	
Tank capacity	30 L
Rated work rate	About 24 acres (≈9.7 ha) per hour (manufacturer figure)
Spray width	Confirmed in quotation
Flight time	Confirmed in quotation
Spreading capacity	Confirmed in quotation
AIRFRAME	
Configuration	6-axis (hexacopter)
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation
Max take-off weight	Confirmed in quotation
SYSTEMS	
Spray system	Confirmed in quotation
Spreader system	Seed / granule spreader (available)
Terrain following	Confirmed in quotation
Obstacle avoidance	Confirmed in quotation
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

Crop protection · Foliar feeding · Seeding · Fertiliser spreading · Hard-to-reach fields

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PAYLOAD DRONE · SKU AX-MX410

MX4-10 Multi-Function Industrial Drone

5 kg payload, 10 km multi-function drone with loudspeaker, searchlight and drop thrower. Rescue-ready, with OEM/ODM support.



PAYLOAD	RANGE	MODULES	PROGRAMME
5 kg	**10 km**	**Speaker / light / thrower**	**OEM / ODM**

Specifications

PAYLOAD & PERFORMANCE	
Maximum payload	5 kg
Operating range	10 km
Flight time	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
MISSION MODULES	
Loudspeaker	Available
Searchlight	Available (high-intensity)
Thrower / drop release	Available
Camera	Confirmed in quotation
AIRFRAME	
Configuration	Confirmed in quotation
Wheelbase	Confirmed in quotation
Empty weight	Confirmed in quotation

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

Search and rescue · Security patrol · Crowd and event management · Water safety · Wildlife and estate management

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PAYLOAD DRONE · SKU AX-SY800

SY800 Heavy Lift Drone

2–10 kg payload drone with 10 km range, 3-axis 1080P/2K camera, GPS, thrower, loudspeaker and lighting.



PAYLOAD	RANGE	CAMERA	MODULES
2–10 kg	**10 km**	**3-axis 1080P / 2K**	**Thrower, speaker, light**

Specifications

PAYLOAD & PERFORMANCE	
Payload range	2–10 kg
Operating range	10 km
Flight time	Confirmed in quotation
Max speed	Confirmed in quotation
Wind resistance	Confirmed in quotation
CAMERA & NAVIGATION	
Gimbal camera	3-axis stabilised, 1080P / 2K options
Positioning	GPS
Return / resume	GPS waypoint mission resume (per supplier listing)
MISSION MODULES	
Thrower / drop release	Available
Loudspeaker	Available
Lighting	Available
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

Small cargo delivery · Search and rescue · Security · Inspection

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PAYLOAD DRONE · SKU AX-FD2

SwellPro Fisherman MAX FD2

Waterproof IP67 heavy-lift fishing drone with 3.2 kg bait release, 1 km range and 4K camera.



BAIT PAYLOAD	WATERPROOF	RANGE	CAMERA
3.2 kg	**IP67**	**1 km**	**4K**

Specifications

PAYLOAD & PERFORMANCE	
Bait / payload release	3.2 kg
Operating range	1 km
Flight time	Confirmed in quotation
Wind resistance	Confirmed in quotation
PROTECTION & CAMERA	
Ingress protection	IP67 waterproof
Camera	4K
Floats on water	Confirmed in quotation
AIRFRAME	
Configuration	Confirmed in quotation
Weight	Confirmed in quotation
Dimensions	Confirmed in quotation

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

Surf and beach fishing · Lake and reservoir fishing · Marine observation · Water safety support

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