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**

The **THEA 190MP** is an eight-axis coaxial octocopter rated for a **50 kg payload**, with a rated flight time of **20 minutes**. It is a short-to-medium-range heavy lifter, best suited to repeated shuttles that move a lot of material over a short distance: up a hillside, across a river, onto a building, or between points on a large industrial site.

Many heavy-lift jobs are not long-distance flights. They are dozens of short flights, each saving workers a hard, slow or dangerous carry. The 190MP fits that pattern. A typical cycle looks like this:

Plan your battery count around that cycle. With enough packs on charge, a crew can keep the aircraft working through the day. When you request a quote, tell us your typical distance and load and we will size the battery and charger set for you.

Key features

50 kg lift. Enough to move equipment, materials and relief supplies in a single flight.

Eight-motor coaxial layout. Two rotors per arm for thrust density and added margin.

Short-hop specialist. Its 20-minute rated flight suits repeated short shuttles: up a slope, across a river, onto a roof.

Transportable footprint. Four arms instead of eight makes transport and confined-site landing easier.

Configurable payload. Hooks, winches, release mechanisms and mounts specified to the job.

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

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

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