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Electric Winch-Up Mast 1.8m Retracted, 7.8m Extended, 50kg Payload, Electric Rotator, 1x Cat6 1x PTL-240 Spiral Cable

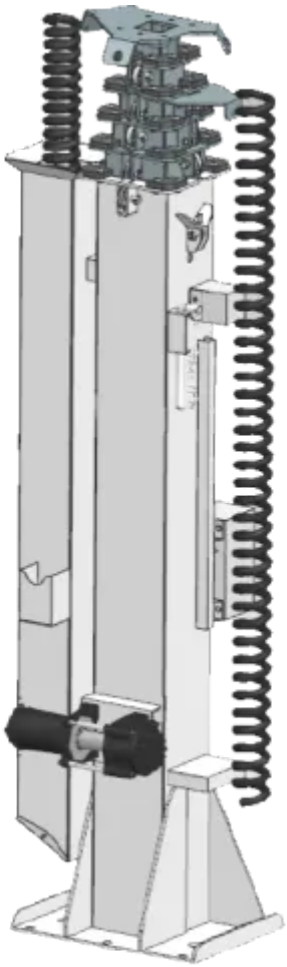
SKU
MAS-BH-00344
MPN
AP-TM-CWU8E-6S-2C

Description

This is a traditional cable-driven winch-up mast that comprises of 5x 1.5 metre hot-dip galvanised sections that telescope outward from a powdercoated steel base section. The extended height is 7.8 metres, which packs down to 1.8 metres. The mast has been engineered for a 50 kg payload in up to 120 km/h winds.

The mast has two spiral cables which each contain 1x PTL-240 Ultra-Flex Coaxial Cable, 1x Cat-6 Ethernet Cable, and DC power cables. The primary spiral cable runs to the top of the mast, and the secondary spiral cable runs to the mast mid-point. The DC powered Mast Rotator, which allows equipment to be panned a full 360° can be placed either at the top of the mast or at the mid-point using an optional bracket.

The mast is lowered and raised by a 1100 kg 12/24 Vdc Electric Winch, which is operated by a hand controller.



APAC Infrastructure

APAC Infrastructure is an Australian metal fabrication company dedicated to high tech industries in the commercial, industrial, and defence sectors. Our team is committed to evolving our solutions to meet the rapidly changing needs of our rapidly changing world, ensuring your team deliver solutions at the very forefront of technological development. APAC develops made-to-measure height systems for ...

Physical Specification

Subtype
Retractable Mast
Weight
145 kg
Installation
Retractable Mast Base Bolt Pattern
Dimensions
550 × 500 × 1,820 mm
Nominal Height
8 m
Wind Survival
33 m/s
Retracted Height
1.8 m
Max. Payload
50 kg
No. Sections
6
Lifting Mechanism

Winch

Extended Height

7.8 m

Lifting Time

< 2 min

Locking

Non-Locking

Subcomponents

Quantity	Name	Materials	Material Finish
1	1.5 m Top Section, 60x60 mm	Steel	Hot-Dip Galvanised
1	1.5 m Second Section, 80x80 mm	Steel	Hot-Dip Galvanised
1	1.5 m Third Section, 100x100 mm	Steel	Hot-Dip Galvanised
1	1.5 m Fourth Section, 120x120 mm	Steel	Hot-Dip Galvanised
1	1.5 m Fifth Section, 140x140 mm	Steel	Hot-Dip Galvanised
1	1.5 m Base Section, 160x160 mm	Steel	Powdercoated
1	Full-Length Cable Spiral, 1x PTL-240, 1x Cat-6 Ethernet, 1x DC Power Cable 6mm2		
1	Half-Length Cable Spiral, 1x PTL-240, 1x Cat-6 Ethernet, 1x DC Power Cable 6mm2		

Quantity	Subcomponent
1	Runva EWP2500U Electric Winch
1	Mast Rotator for APAC Winch-Up Masts

Available Interfaces

Quantity	Mounting	Details
1	Retractable Mast Bolt Pattern	Attachment of mast-specific headframes and devices
1	Rotator Bolt Pattern	Attachment of rotator-specific headframes and devices
1	Retractable Mast Mid-Section	Attachment of purpose-built bracketry for mast mid-point

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