

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

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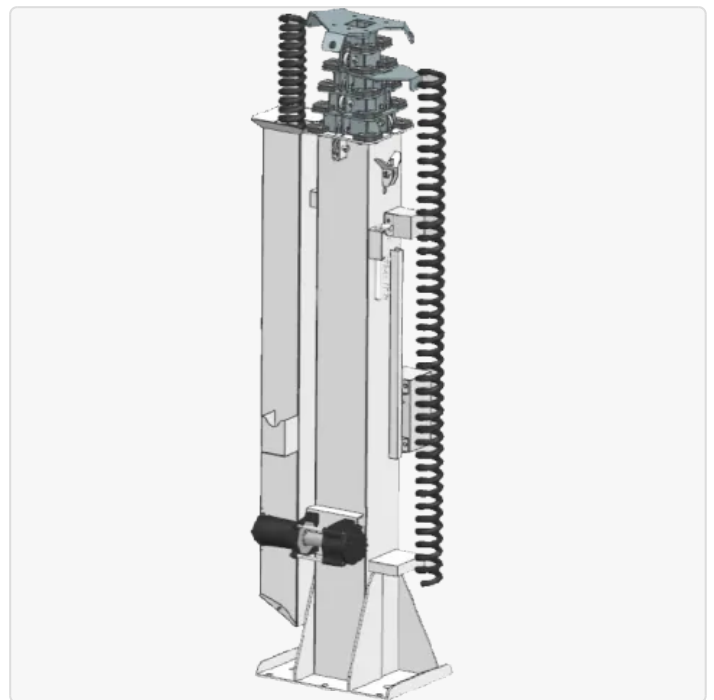
MPN: AP-TM-CWU8E-6S-2C

## 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

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# Physical Specification

Subtype:	Retractable Mast	Dimensions:	550 × 500 × 1,820 mm
Weight:	145 kg	Nominal Height:	8 m
Installation:	Retractable Mast Base Bolt Pattern	Wind Survival:	33 m/s
Retracted Height:	1.8 m	Extended Height:	7.8 m
Max. Payload:	50 kg	Lifting Time:	< 2 min
No. Sections:	6	Locking:	Non-Locking
Lifting Mechanism:	Winch		

## 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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