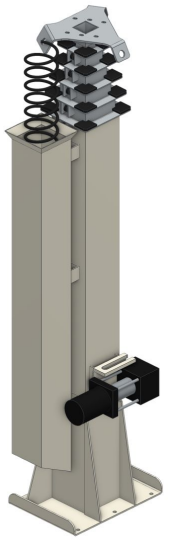
APAC Infrastructure Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

Electric Winch-Up Retractable Mast - 1.8m Retracted, 7.8m Extended, 50kg Payload

AP-RM-CWU8E-6S-1C



Key Features

- 1 tonne rated 12/24 V Electric Winch
- Payload Rotator option
- 50 kg Payload
- Compatible with RM-Series accessories

Overview

This is a traditional cable-driven winch-up mast that comprises 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.

There are several spiral cable configurations available, with the standard option containing 1x PTL-240 Ultra-Flex Coaxial Cable, 1x Cat-6 Ethernet Cable, and DC power cable. A secondary spiral cable option is available that runs to the mast mid-point, providing an additional equipment mounting location, with cables to the customer's specification.

A DC powered Payload Rotator option is available, which allows equipment to be panned a full 360°. It 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 Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

Specification

Parameter	AP-RM-CWU8E-6S-1C
Physical Specification	
Subtype	**Telescopic**
System	**RM**
No. Sections	**6**
Extended Height	**7.8 m**
Retracted Height	**1.8 m**
Max. Payload	**50 kg**
Lifting Mechanism	**Winch-Up**
Lifting Time	**< 2 min**
Locking	**Non-Locking**
Materials	**Steel**
Material Finish	**Hot-Dip Galvanised** **Powdercoated**
Wind Survival	**33.33 m/s**
Dimensions	**403 × 508 × 1,824 mm**
Weight	**150 kg**
Interfaces	
Installation / Attachment	Quantity: 1 — Mounting: RM-Series Mast Base Bolt Pattern — Notes: Six Ø13 holes in the base plate for M12 bolts
Available Interfaces	Quantity: 1 — Interfaces: RM-Series Mast Top Bolt Pattern — Notes: Attachment of mast-specific headframes and devices

APAC Infrastructure Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

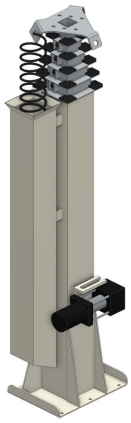
Subcomponents

Quantity	Item	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		

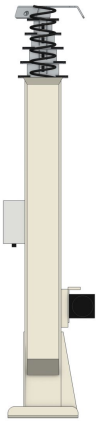
Quantity	Bundled Components
1	Runva EWP2500U Electric Winch with Controller (EWP2500U)

APAC Infrastructure Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

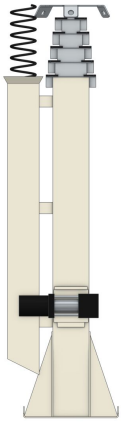
Views



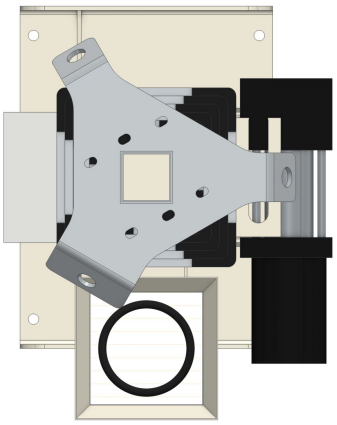
Isometric



Front



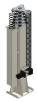
Side



Top

APAC Infrastructure Pty Ltd
ABN: 43 615 637 235
1300 952 788
sales@apacinfrastructure.com.au

Variants

	Electric Winch-Up Retractable Mast - 1.8m Retracted, 7.8m Extended, 50kg Payload AP-RM-CWU8E-6S-1C · this datasheet
	Electric Winch-Up Retractable Mast with Payload Rotator - 1.8m Retracted, 7.8m Extended, 50kg Payload AP-RM-CWU8E-6S-1CR
	Electric Winch-Up Retractable Mast, Dual Cable - 1.8m Retracted, 7.8m Extended, 50kg Payload AP-RM-CWU8E-6S-2C
	Electric Winch-Up Retractable Mast, Dual Cable, with Payload Rotator - 1.8m Retracted, 7.8m Extended, 50kg Payload AP-RM-CWU8E-6S-2CR

Australian designed and manufactured infrastructure for public safety and first response, built on the Sunshine Coast, Queensland. Need a variation on this design? Our team can engineer it to suit your site.

Contact us

Phone 1300 952 788
Email sales@apacinfrastructure.com.au
Web apacinfrastructure.com.au
ABN 43 615 637 235

Specifications, dimensions and weights are nominal, correct at the date of issue and subject to change without notice. Images are for illustration and may show optional equipment. Confirm suitability for your site, including wind region and mounting surface, with APAC before ordering, and install in accordance with APAC's instructions and the relevant Australian Standards.

Issued 12 November 2026. For the latest version of this datasheet, visit https://apacinfrastructure.com.au/product-catalogue/retractable-masts/electric-winch-retractable-mast-18m-retracted-78m-extended-50kg?v=769

© 2026 APAC Infrastructure Pty Ltd. All rights reserved.