

3M™ Protecta® Confined Space Rescue Winch

Technical Data Sheet



Description

3M Protecta's range of rescue and retrieval systems ensures safety and performance when it is needed the most. The rescue winch is one of the most critical parts of the rescue system providing the means to retrieve an incapacitated worker to safety.

Features

- **Confined space winch**
Easily attaches to Protecta™ tripod with built-in bracket and offers a mechanical lifting advantage for materials or personnel in confined space scenarios.
- **20m of 5mm stainless steel cable lifeline**
Abrasion resistant and extremely durable lifeline construction provides added field longevity.
- **Quick mount bracket for tripod**
Simple detent pin attachment offers quick and easy set-up for efficient rescue and work support applications.
- **Disc brake system**
Four disc brakes provide added security and prevent the load from unintentional movements.
- **Detachable handle**
Reduces overall amount of space needed for storage and handling for ease of use.
- **Oil impregnated bearings**
Protects the bearings and maintains smooth effortless operation for extended longevity.
- **Built-in manual safety lock**
Allows operator to lock-out the device for work positioning requirements and for added safety.
- **Corrosion resistant construction**
Zinc plated steel construction is very durable, standing up to the elements for extended longevity.
- **4:1 mechanical advantage**
Offers 6.1m/min winching speed to help facilitate fast and efficient rescues

Standards

3rd Party Certified with EN 360, EN 1496 Class B



Specifications

70007784153	
Capacity	140 kg Personnel / 454 kg Materials
Brand	Protecta®
Size	20m
Install Type	Portable
Lifeline Type	Galvanised Cable
Lifeline Length	20m
Label	Vinyl
Winch/SRL Housing	Zinc Plated Steel
Lifeline	5mm dia. 7x19 stainless steel Aircraft Wire Rope
Model	AT200/I20
Physical Dimensions	393.00x298.00x280.00 (mm)
Physical Weight	9.20 kg (20.3lbs)
Product Styles	Winch
Product Types	Mechanical System

Disposal

Any piece of equipment including both personal and permanently installed items, which has been used to arrest a fall or which shows any defect during operator or periodic inspection shall be withdrawn from service immediately and a replacement obtained if necessary.

A label indicating the condition or defect must be attached to the equipment, and it must be examined by a competent person who will decide whether the equipment is to be destroyed or repaired/recertified if necessary and returned to service.

Inspection

Inspection frequency requirements must be followed according to AS/NZS 1891.4 or 3M's user instructions. 3M may recommend more frequent inspection and recertification if the product is exposed to a harsh environment or rugged use. All inspection and maintenance data must be recorded in an inspection and maintenance log maintained by the company.

Ordering Information

3M Code	Model #	Description
70007784153	AT200/I20	Automatic locking system, 20 m**

Accessories

3M Code	Model #	Description
70007932364	AM100	Tripod, 1.4 - 2.4 m
70007932380	AK0100	Tripod bag
70007780078	AT052/1	Pulley with karabiner for use on tripod
70007464897	3590498	Fixing bracket for 3591002 retrieval SRL

** When ordering the Rescue Winch for use with the Tripod, order the AT052/1 pulley. Alternatively order the complete system, part no. AT200/I20/P.

Important Notice

To the extent permitted by law, 3M shall not be liable for any loss or damage including any loss of business, loss of profits, or for any indirect, special, incidental or consequential loss or damage arising from reliance upon any information herein provided by 3M. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.

The mounting and use of the product described within this document assumes that the user has previous experience of this type of product and that it will be assembled by a competent professional according to product documentation. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

Compliance to the information and specification relative to the product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. 3M (who cannot verify or control these elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

Warranty conditions for products are determined with the sales contract documents and with the mandatory and applicable law, excluding any other warranty or compensation.



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