



TECHNICAL DATASHEET

Edge AP01

ROPE ACCESS RESCUE ALUMINIUM SINGLE PULLEY

STANDARD: CONFORMS TO EN 12278:2007

Product Introduction:

- Rope Access Rescue Aluminium Pulley is a lightweight, high strength device designed for hauling, lowering, and rescue operations in rope access. Engineered with precision machined aluminium sheaves and side plates, this pulley ensures smooth rope handling and optimal load distribution. Its compact design, high efficiency, and compatibility with various rope systems make it an essential component for rope rescue professionals, technicians, and emergency response teams.

Features:

- **High-Strength Aluminium Construction:** Lightweight and robust construction makes it a demanding gear in rescue operations.
- **Bush type sheaves:** Ensures high efficiency and smooth rope movement under load.
- **Design:** Lightweight and compact design allows convenient use in confined space or complex setups.
- **Durable Finish:** Anodized coating make it corrosion and abrasion resistance.
- **Compatibility:** Works with ropes typically 12 mm in diameter.



Product Specifications:

Model	: Edge AP01
Material	: Aluminium & Steel
Type	: Single Wheel
Breaking Strength	: 24 kN
Safe Working Load Capacity	: 100kg
Colour	: Orange
Weight	: 100 gm (Approx.)

★ USP:

- ✓ Compact & Lightweight
- ✓ High Efficiency
- ✓ Versatile Use
- ✓ Rescue-Grade Durability
- ✓ Quick Setup

Applications:

- **Rope Access Operations:** Rope access operations in industrial maintenance, oil & gas, and high-rise work.
- **Rescue & Evacuation Hauling:** Rescue and evacuation scenarios requiring hauling or lowering of casualties.
- **Challenging SAR Operations:** Search & Rescue (SAR) operations in challenging environments.
- **Mountaineering & Rescue Pulley:** Used in mountaineering, caving, and adventure rescue as a professional-grade pulley.

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Industries:

The hook is essential for creating a temporary anchorage point for maintaining a safe and efficient working environment in any manufacturing, construction, utility related industries as follow.



Pharmaceutical



Chemical



Automobile



Food & Breweries



Marine



Transportation



Steel



General
Manufacturing



Oil & Gas



Power



Construction



Heavy
Manufacturing



Agriculture



FMCG

Safety Information:

- Always inspect the pulley, rope, and connectors before each use for damage or wear.
- Ensure compatibility with rope diameter and load ratings.
- Only trained personnel should operate rescue pulley systems.
- Keep away from corrosive chemicals and avoid dropping or striking the pulley.

Usage Instruction:

- Store in a dry, cool, and clean environment away from direct sunlight.
- Clean with regular water after exposure to saltwater or mud; allow to dry naturally.
- Keep the pulley in a protective case or gear bag to prevent damage.
- Schedule inspections in every six months by a competent person as per safety standards.

Storage:

- Store the pulley in a clean, dry place away from moisture, heat, sunlight, and corrosive elements. Avoid contact with chemicals or sharp objects. For best protection, keep it in its original packaging or a protective case.