With the possible exception of rope it can be argued that a pulley is one of the most important components used in all forms of rescue as well as wilderness and alpine exploration. Noting the unique requirements found in Swift Water Rescue, we created an entirely new pulley to address those needs. The Swiftwater fits between our Micro PMP and 3” PMPs in both size and work load, and represents a reasonably priced, non-NFPA alternative to other mid-sized pulleys.

Made using high quality aluminum, this lightweight pulley weighs 6 oz. and features a 2” sheave. Anodized side plates feature a series of holes that help to minimize the hydroplaning effect that might occur with a typical pulley. These side plates are also configured to work as a Prusik Mind-ing Pulley and are precisely tensioned for easy one-handed operation and secure placement at any point along the rope. High quality sealed ball bearings help to provide the optimal efficiency that is so crucial in rope rescue systems. They help to reduce the performance-robbing resistance that is inherent in most multiple component systems and are not prone to failure under mis-aligned loads or with twisted gear that may occur with needle bearings. The wide and flat base maximizes the effectiveness of a Prusik hitch while a unique side plate formation allows the use of larger ropes in a compact pulley. The top hole accepts 2 large rescue carabiners or multiple small carabiners and allows the carabiners to be rotated freely and completely even while closed. Features Red and Black side plates.

**SPECIFICATIONS**

- **Model #:** 147000
- **Type:** Single
- **Axle:** Ball Bearing
- **Material:** High Quality Aluminum
- **Dimensions:** 4” by 3” by 1-1/4”
- **Weight:** 6 oz. (170g)
- **Max. Rope size:** 1/2” (13mm)
- **Sheave:** 2” Aluminum
- **3 Sigma MBS:** 7,644 lbf (34kN)

**APPLICATIONS-**

- Swiftwater Rescue
- Kayaking
- Work-related
- Mountain & Urban Rescue
- Mountaineering & Caving
- Tactical—Military & Law Enforcement

**OFTEN USED IN CONJUNCTION WITH THESE SMC PRODUCTS-**

- Aluminum Locking Carabiners
- Rigging Plates
- Lite Alloy Steel Locking Carabiners
- Swivels
SMC Swiftwater Pulley

FEATURES AND BENEFITS

• Anodized side plates feature a series of holes that help minimize the hydroplaning effect that might otherwise occur with other pulleys.
• Side plates are precisely tensioned and for easy one-handed operation and secure placement at any point along the rope.
• Uses sealed ball bearings which provide optimal efficiency, thus reducing the performance-robbing resistance that is inherent in most multiple component systems and are not prone to failure under misaligned loads or with twisted gear as may occur when using pulleys made with needle bearings.
• Wide base and side plate design works well to “mind” Prusik cords of up to 8mm.

CARE, MAINTENANCE and RETIREMENT SCHEDULE NEEDS

Always inspect your pulleys before each use and periodically while in storage. The user, depending upon their specific environment and storage methods, must determine the period between inspections. Inspect for warping, cracks, deep gouges and worn areas, making sure that what may appear to be a scratch is not actually a crack. Look for sharp edges or rough areas that might abrade a rope. Check screws and nuts to make sure they have not loosened. After each use, remove all dirt from side plates and sheaves and allow pulley to dry in a warm place before storing. SMC pulleys will continue to provide reliable performance only when used safely and properly maintained and stored. It is also suggested that the user of this pulley maintain a permanent record listing the date and results of every usage inspection.

We recommend the regular inspection of all rescue equipment and strongly suggest retiring gear when any of the following applies:
1) Regular inspection reveals warping, cracks, deep gouges or any wear.
2) It is physically damaged or no longer functions as when new.
3) It has been subjected to an abnormally high loads, such as in a fall or exposed to heat sufficient to alter its surface appearance.
4) You are not completely satisfied that it meets the needs of its intended use.
5) The history of the gear is unknown or otherwise in question.

WARNING/DISCLAIMER

SMC products designed strictly for rescue, mountaineering or rock-climbing. All of these activities are inherently dangerous therefore any person using these items must obtain qualified instruction prior to using them in any manner. Any person using these items is responsible for their own decisions and actions.

FAILURE TO HEED THIS WARNING or FOLLOW INSTRUCTIONS CAN CAUSE SERIOUS INJURY OR DEATH.

A trusted partner...quality gear for life.
Expert climbers and rescue personnel agree on one thing...there is no better product to count on than one that was made by SMC. Founded in 1967, SMC has a well-deserved reputation for designing and building the best products of un-compromised quality and reliability.

SMC Swiftwater Pulley

#147000

Minimum Breaking Strength—3 Sigma Test
The Minimum Breaking Strength of all SMC products are calculated using the 3 Sigma Rating System which indicates that 99.73% of the products tested will break at loads above the MBS. SMC products that are certified by Underwriter’s Laboratories as meeting NFPA requirements are labeled with the applicable NFPA rating. Typically the SMC 3 Sigma MBS will exceed the labeled NFPA rating.

SMC.MKTG.PLS.SWIFTWATER.2/23/07
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