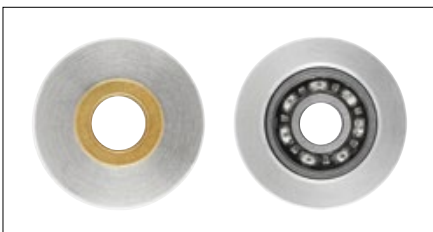


Paint job for the cranes of the merchant harbor of Valencia, Spain. © Petzl - Jan Novak photography - Vertice Vertical™

Two factors determine a pulley's efficiency:

- Sheave size: the larger the sheave diameter, the higher the efficiency
- Bushings and bearings:
 - self-lubricating bushings are efficient, but they must be regularly maintained
 - sealed ball bearings are very efficient, and they do not require any maintenance



High-efficiency pulleys

Versatile, high-performance pulleys adapted for intensive use.



Pulley-carabiners

Pulley-carabiners with excellent efficiency.



Progress capture pulleys

Pulleys with an integrated progress capture system may be used to replace a traditional pulley/rope clamp set-up in hauling systems.



Prusik pulleys

High-performance pulleys designed for use with a Prusik friction hitch to build a lightweight progress capture system. The shape of the side plates allows the knot to be released when it stops against the pulley.



Single pulleys

Lightweight, versatile pulleys designed for situations that do not require a high level of efficiency (redirecting the rope...).



Transport pulleys

Pulleys for movement along a rope or cable. Extremely quick and easy to install, these pulleys have fixed side plates and ensure perfect stability with their two aligned sheaves.



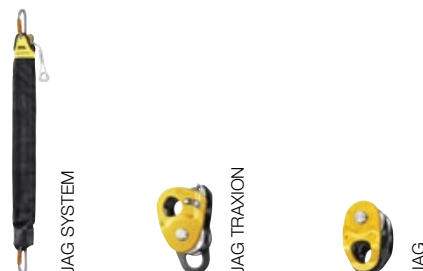
Specialized pulleys

Specialized pulleys are designed for particular applications requiring passage of knots or movement along a mechanical lift cable.



Haul kit

Ready-to-use kit, designed to easily pick off and lower - or simply pick off - a victim.



Pulleys

High-efficiency pulleys



PRO

Very high-efficiency loss-resistant pulley

Openable even when attached to the anchor, the PRO pulley is designed for maximum simplicity when setting up hauling or load deviation systems. The side plate that locks under load, the large-diameter sheave and the very high efficiency sealed ball bearings make a pulley that is well suited for handling heavy loads.



PARTNER

Ultra-compact, high-efficiency pulley

The PARTNER is an ultra compact, extremely lightweight pulley. It is designed for daily tasks and on-site rescue.



RESCUE

High strength, very high efficiency pulley

The very high efficiency RESCUE pulley is designed for intensive use by rescue professionals.

Pulley-carabiners



ROLLCLIP A

Pulley-carabiner that facilitates installation of the rope when pulley is connected to the anchor

ROLLCLIP A is a pulley-carabiner with a gate opening on the pulley side that facilitates installation of the rope when the pulley is fixed to the anchor. It is available with an automatic TRIACT-LOCK locking system, or without a locking system. ROLLCLIP A may be used with a CAPTIV positioning bar to favor loading of the carabiner along the major axis, to limit the risk of it flipping and to keep it integrated with the device.



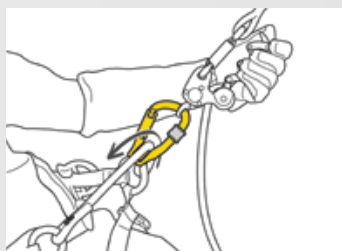
The ROLLCLIP A pulley can be used as a directional point when combined with the RESCUCENDER rope clamp.



ROLLCLIP Z

Pulley-carabiner that facilitates installation on anchors and devices

ROLLCLIP Z is a pulley-carabiner with a gate opening on the non-pulley side to facilitate installation on anchors and devices. It is available in two locking systems: automatic TRIACT-LOCK system or manual SCREW-LOCK system.



The ROLLCLIP Z pulley can be used for tree care to attach the ZIGZAG descender to the attachment bridge on the SEQUOIA harness, for improved lateral mobility.

Progress capture pulleys



PRO TRAXION

Very efficient loss-resistant progress capture pulley

The PRO TRAXION progress capture pulley is designed to allow rope installation while the pulley is connected to the anchor. With its large diameter sheave and great efficiency, it is particularly appropriate for hauling heavy loads. The side plate locks when loaded and prevents opening of the pulley during use. The lower connection point can be used to create different types of hauling systems.



MICRO TRAXION

High-efficiency, ultra-compact progress capture pulley

MICRO TRAXION is an ultra-compact, extremely light progress capture pulley that is exceptionally efficient. The cam can be locked in open position so the device can be used as a simple pulley.

Prusik pulleys



MINI

Highly efficient and lightweight Prusik pulley

The MINI compact pulley offers a lightweight solution for setting up progress capture systems.



GEMINI

Highly efficient and lightweight double Prusik pulley

GEMINI is a compact double pulley that sets up progress capture systems of high mechanical advantage.



MINDER

High strength, very high efficiency Prusik pulley

MINDER is a high-strength pulley designed for rescue professionals to set up progress capture systems.



TWIN

High strength, very high efficiency double Prusik pulley

TWIN is a high-strength double pulley designed for rescue professionals. It is designed to set up progress capture systems of high mechanical advantage.

Single pulleys



MOBILE

Versatile ultra-compact pulley

Compact and extremely lightweight, the MOBILE pulley is designed for a variety of uses.



FIXE

Versatile compact pulley

Versatile and compact, the FIXE pulley allows quick installation onto the rope.



Transport pulleys



TANDEM® / TANDEM® SPEED

Double pulleys for Tyrolean traverses

TANDEM and TANDEM SPEED are designed for Tyrolean traverses and can accept up to three connectors to facilitate maneuvers. TANDEM is used on a rope. TANDEM SPEED can also be used on a cable because of its wear-resistant sheaves mounted on sealed ball bearings.

Specialized pulleys



KOOTENAY

Knot-passing pulley

KOOTENAY is a knot-passing pulley that allows passage of joining knots.

The large diameter sheave mounted on sealed ball bearings ensures excellent efficiency.



ROLLCAB

Roller for movement along cable

ROLLCAB is a roller designed for movement and evacuation along mechanical lift cables.

Haul kit



JAG SYSTEM

Haul kit

The JAG SYSTEM haul kit is for pickoffs, making a releasable anchor, or tensioning a system, thanks to its 4:1 mechanical advantage and excellent efficiency (sheaves with sealed ball bearings). The collapsed kit is highly compact, allowing it to be used even when the distance to the anchor is very short. The JAG SYSTEM haul kit is quick and easy to deploy: it is ready to use thanks to the flexible cover that prevents any risk of tangling. The haul end is color-coded for instant identification. It is available in three lengths: 1, 2 and 5 meters.



JAG TRAXION

High-efficiency double progress capture pulley

The JAG TRAXION double progress capture pulley is designed for use with the JAG pulley to make a 4:1 haul system. Sheaves mounted on sealed ball bearings for excellent efficiency.



JAG

High-efficiency double pulley

The JAG double pulley is designed for use with the JAG TRAXION double progress capture pulley to make a 4:1 haul system. Sheaves mounted on sealed ball bearings for excellent efficiency.

			Certifications	Rope diameter compatibility	Sheave diameter	Ball bearings	Efficiency	Maximum working load	Weight
High-efficiency pulleys									
PRO		P46	CE EN 12278, NFPA 1983 Technical Use, EAC	7 to 13 mm	38 mm	●	95 %	2.5 kN x 2 = 5 kN	205 g
PARTNER		P52A	CE EN 12278	7 to 11 mm	25 mm	●	91 %	2.5 kN x 2 = 5 kN	56 g
RESCUE		P50A P50AN	CE EN 12278, NFPA 1983 General Use	7 to 13 mm	38 mm	●	95 %	4 kN x 2 = 8 kN	185 g
Pulley-carabiners									
ROLLCLIP A		P74 TL	CE EN 362, EN 12275, EN 12278, EAC	7 to 13 mm	18 mm	●	85 %	2 kN x 2 = 4 kN	115 g
		P74	CE EN 12275, EN 12278, EAC						105 g
ROLLCLIP Z		P75 TL	CE EN 362, EN 12278, EAC	7 to 13 mm	18 mm	●	85 %	2 kN x 2 = 4 kN	110 g
		P75 SL	CE EN 362, EN 12278, EAC						105 g
Progress capture pulleys									
PRO TRAXION		P51A	CE EN 567, NFPA 1983 Technical Use, EAC	8 to 13 mm	38 mm	●	95 %	Pulley: 2.5 kN x 2 = 5 kN Rope clamp: 2.5 kN	265 g
MICRO TRAXION		P53	CE EN 567 EAC	8 to 11 mm	25 mm	●	91 %	Pulley: 2.5 kN x 2 = 5 kN Rope clamp: 2.5 kN	85 g
Prusik pulleys									
MINI		P59A	CE EN 12278, NFPA 1983 Technical Use	7 to 11 mm	25 mm	●	91 %	2.5 kN x 2 = 5 kN	80 g
GEMINI		P66A	CE EN 12278, NFPA 1983 Technical Use	7 to 11 mm	25 mm	●	91 %	2 x 1.5 kN x 2 = 6 kN	135 g
MINDER		P60A	CE EN 12278, NFPA 1983 General Use	7 to 13 mm	51 mm	●	97 %	4 kN x 2 = 8 kN	295 g
TWIN		P65A	CE EN 12278, NFPA 1983 General Use	7 to 13 mm	51 mm	●	97 %	2 x 3 kN x 2 = 12 kN	450 g
Single pulleys									
MOBILE		P03A	CE EN 12278	7 to 13 mm	21 mm	-	71 %	2.5 kN x 2 = 5 kN	75 g
FIXE		P05W P05WN	CE EN 12278	7 to 13 mm	21 mm	-	71 %	2.5 kN x 2 = 5 kN	90 g
Transport pulleys									
TANDEM		P21	CE EN 12278	rope ≤ 13 mm	21 mm	-	71 %	10 kN	195 g
TANDEM SPEED		P21 SPE	CE EN 12278	rope ≤ 13 mm cable ≤ 12 mm	27.5 mm	●	95 %	10 kN	270 g
Specialized pulleys									
KOOTENAY		P67	CE EN 12278	8 to 19 mm	76 mm	●	-	5 kN x 2 = 10 kN	1390 g
ROLLCAB		P47	CE EN 1909	cable ≤ 55 mm	55 mm	-	-	5 kN	1470 g
Haul kit									
JAG SYSTEM		1 m P044AA00 2 m P044AA01 5 m P044AA02	EAC	-	-	●	-	6 kN	610 g 805 g 1460 g
JAG TRAXION		P54	CE EN 567, NFPA 1983 Technical Use	8 to 11 mm	25 mm	●	91 %	2 x 1.5 kN x 2 = 6 kN	145 g
JAG		P45	CE EN 12278, NFPA 1983 Technical Use	8 to 11 mm	25 mm	●	91 %	2 x 1.5 kN x 2 = 6 kN	120 g