Portawrap

Stainless Steel Rope Friction Device for Controlled Lowering

The Portawrap is designed for use by trained professionals! This device requires training, followed by practice in a controlled area with light loads until cause and effect are well understood. Lowering heavy objects is dangerous and requires knowledge, not only of device and threaded rope but anchor point strength and shock loading risks as well.

Notch Equipment, its parent company, its dealers, and distributors are not responsible for the use or misuse of any products. Products are provided with the understanding that the purchaser and/or user are thoroughly familiar with their correct application and proper use. Descriptions and drawings are given to show various uses or techniques, and are not substitute for proper training. Regular and thorough inspection of safety products should be performed to identify worn, tattered, frayed, or damaged devices. Such findings or known shock-loaded equipment should be tagged and retired to non-personal use, properly disposed of or destroyed to prevent further use.

Thoroughly inspect target and work site for potential hazards and adjust accordingly. When rigging trees, aside from inspecting tree's trunk and anticipated anchor point(s), also inspect tree parts that might break free in the process of removing connected sections! And also, as a general statement, tree failures can occur underground, so carefully inspect the surrounding ground for signs of root related decay or other weaknesses.

- DO NOT CONNECT Portawrap to sling with SNAP OR OTHER METAL CONNECTOR (always connect sling with girth hitch directly to sling loop)
- DO NOT attempt to control rope within 2-feet of device (hands could get sucked into rope path)
- DO NOT OPERATE without first bundling long hair or removing loose clothing or risk entanglement
- MAKE SURE you have enough rope to land targeted load safely onto landing zone
- DON'T OVER ESTIMATE the strength of your anchor point(s) or ropes. Expect the unexpected and always have an escape plan from a hazard zone.

INSPECT

Prior to use, always inspect Portawrap and supporting lines for damage or excessive wear. Replace materials that show signs of excessive wear.

SPECIFICATIONS

Acceptable rope types: polyester-jacketed doublebraid or solid braid. (DO NOT USE 3-strand or twisted rope)

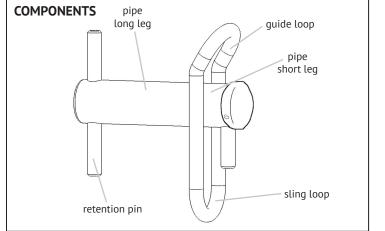
Recommended sling types for anchoring Portawrap: Whoopie (adjustable lifting sling); Eye sling with 12-in. (30cm) spliced eye. NOTE: Sling should have minimum tensile strength of 20,000 lbs (9,000 kilos);

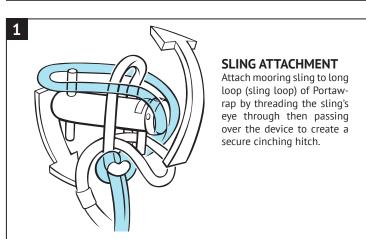
	Weight	Medium: 3.75 lbs Large: 7.25 lbs
	Working Load Limit (10:1)	2,000 lbs (900 kilos)
	Min/Max Rope	Medium: 11-16 mm (7/16 - 5/8 in) Large: 11-19 mm (7/16 - 3/4 in)

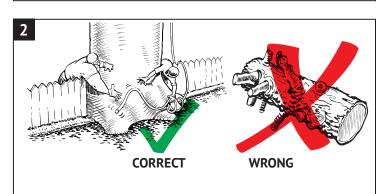


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WARNING

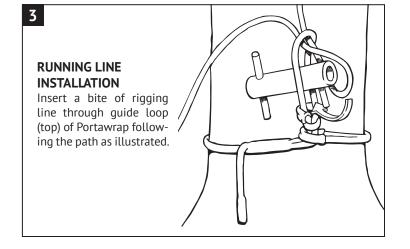




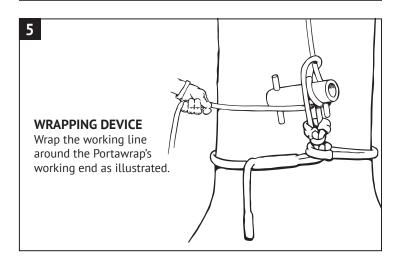


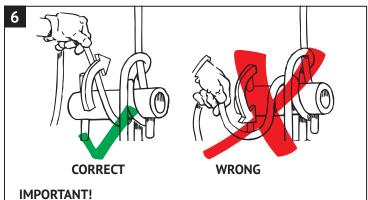
SLING ANCHORAGE

Attach mooring sling to substantially adequate anchor position for targeted load requirement



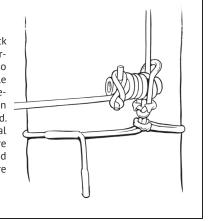






DON'T CHANGE DIRECTION! Proceed wrapping in the same direction as initiated.

LOCK-OFF It may become necessary to lock off the rigging line while performing another task. To do so take as many wraps as possible (without overlapping line) between guide loop and retention pin, then hitch pin as illustrated. If you fail to make essential wraps before locking off there exists the risk that a strong load may cinch so tight as to require knife removal of rope.



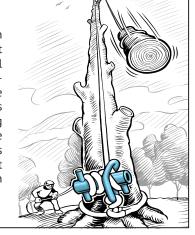
LIFTING AND PRE-TENSION

In some cases it may be necessary to pretension the rigging line using block and tackle. Illustrated here is one common technique utilizing fiddle blocks with separate reefing line (blue) and attached prusik for speedy line advancement.



RUNNING LINE PREP

Before running line through the Portawrap it is important to make sure that line will feed freely through the operator's hands and into the device. Flake line from its falling end, up to that leading into the Portawrap and make sure there are no obstacles (stick, twigs, etc.) that might obstruct flow of line between pile and operator.



2 wraps 3 wraps **PRACTICE**

There is a learning curve to knowing how many wraps will affect the best control of various weights. Learn the Portawrap's limits by practicing with light loads (200-400 pounds) in an unoccupied safe zone before employing the device in an occupied hazard zone. 1 wrap controls about 330 pounds.

Using the Portawrap is a one-person operation. The operator should remove all possible slack from the system prior to introducing a load from above. It is possible, and likely that the device will fall just prior to engaging tension because of slack that will occur when the load is initially released, there is no cause for alarm. WEAR THICK LEATHER GLOVES while feeding rope into the Portawrap to protect hands. Feeding rope is easy, rope should flow smoothly through hands. If rope doesn't move freely around the Portawrap when full load is applied, it is likely there are too many wraps on the device causing excessive friction. Unwrap a loop of line from the Portawrap without getting you hands too close to the device. If half a wrap is causing the friction you can move to the other side of the rope exit position.



Made in China to Notch's exact specifications. NPOW20180112