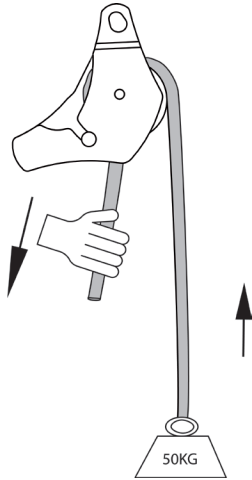


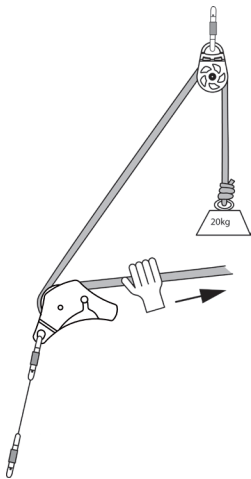


Technical Information Note Using the Tornado

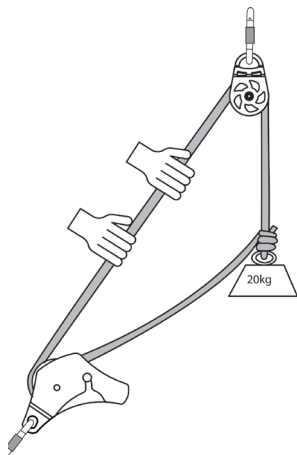
Raising with the Tornado



Basic raising - pull on the rope and raise like a pulley.

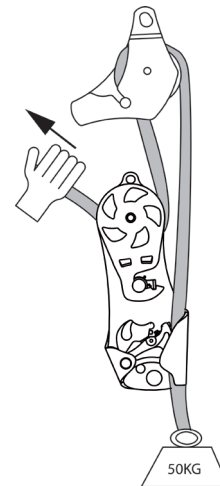
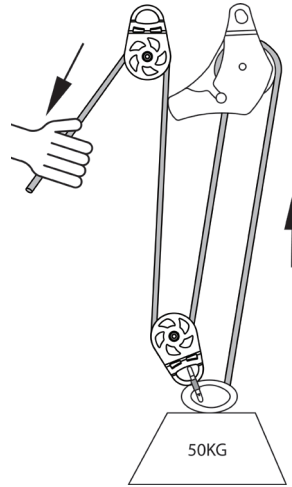


Use at ground level.

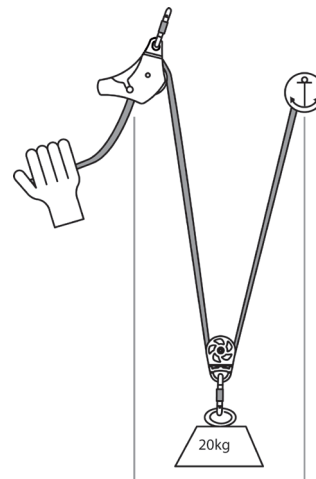


The Tornado can be used passively to back up an endless loop. The tail rope between the device and load should be reasonably tight so that it pulls through and acts as a guide rope.

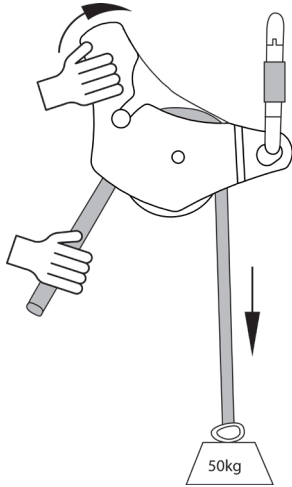
Pulley system options



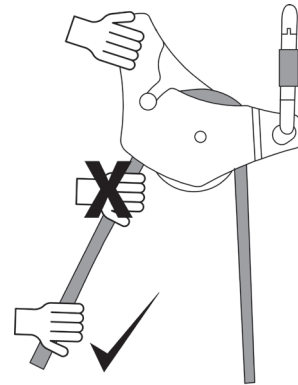
In use with hurricane secondary locking pulley.



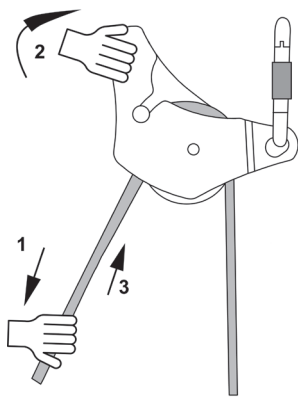
Lowering with the Tornado



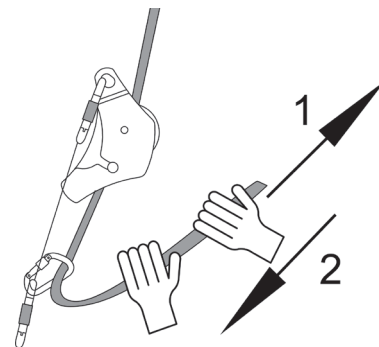
Basic lowering- hold the tail rope with one hand and tip the device with the other.



When lowering keep tailing hand a safe distance from the device.

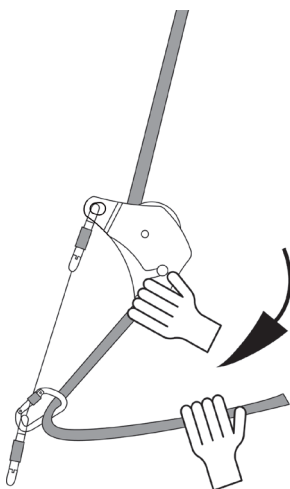


On some rope conditions it may be necessary to lower- pull back keeping tension on the tail rope (1) whilst tipping the device (2) then start to lower feeding the tail rope in to the device (3).

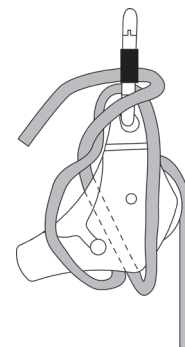


On high loads that are hard to unlock by hand, clip the tail rope through a karabiner on the attachment point for the sling. Pull this rope until the device is fully unlocked, then feed the tail rope back in to the device slowly so that the tension is maintained and device stays open. If the load is released the device will lock.

Locking off



On higher loads >30kg putting the tail rope through a carabiner allows the user to unlock the device by pulling back on the tail rope and keeps the tailing hand away from the device.



Locking off is possible by feeding a loop through the karabiner and over the device.



The heightec Group Ltd, Lake District Business Park, Mint Bridge Road, Kendal, Cumbria, LA9 6NH

Tel: +44 (0) 1539 728866 Email: info@heightec.com
Fax: +44 (0) 1539 728833 Web: heightec.com

Height Safety Centres located in Aberdeen • Birmingham • Kendal • Leeds • London