

## Safe unpacking instructions steel wire rope (slings)

### General warning

Prior to shipping, steel wire rope (slings) are coiled into bundles or spooled on a reel. Bundles are tied using metal bundle ties. On a reel, the steel wire rope is tied using rope. At the moment steel wire rope is coiled, bundles are tied, kinetic energy is stored in the bundles. This also applies to steel wire rope on a reel. Cutting the bundle tie (or rope) will cause the kinetic energy to be released, by spontaneous straightening of the steel wire rope. The resulting forces may cause damages and/or injury (see fig 1 and 3, red arrows indicating force direction).

### Instructions

If coiled rope bundles are to be unpacked or the steel wire rope to be detached from the reel, multiple precautions must be observed:

1. The unpacking area to be clear of obstruction and debris.
2. Bundles to be unpacked must be placed flush against a stationary object e.g. a wall, container side.
3. Bundles must be positioned whereby the direction of rope uncoiling is directed toward the stationary object.
4. The person involved in removing the bundle ties must be positioned within the bundle, or alternatively in the opposite direction where rope uncoiling may take place (see fig 1 and 2).
5. With regard to steel wire rope on a reel, personnel shall keep a safe distance to the rope end while detaching (see fig 3).
6. Bundle ties are to be removed starting with the bundle tie closest to the rope end (see fig 1).
7. Successive bundle ties are to be removed, only after rotating the bundle, ensuring the next bundle tie to be removed is located nearest to the stationary object (see fig 2).

## Remark 1

Upon removal of the 1<sup>st</sup> bundle tie, the kinetic energy may cause the 2<sup>nd</sup> bundle tie to break!

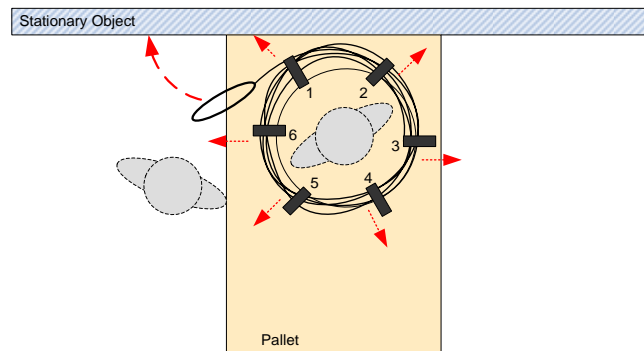


Fig 1

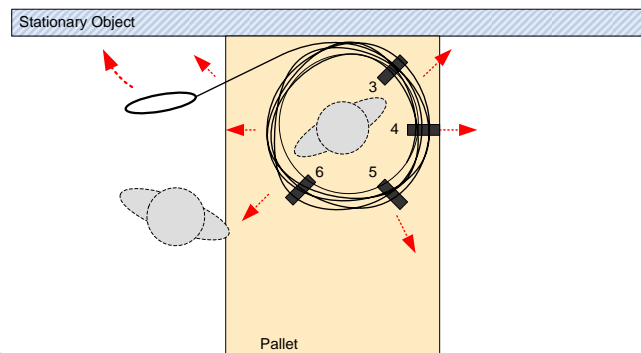


Fig 2

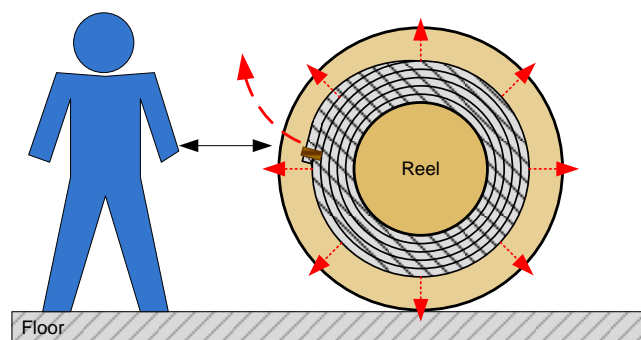


Fig 3

## Remark 2

In most situations, the energy within the rope coil will be released after removing 3 bundle ties.

- Not only think safe, but also act safe.
- Always bear in mind: "The Safer, the Better".

## Steel wire rope (slings) label

**Hendrik Veder**  
Group

**Hendrik Veder Group B.V.**

Eemhavenweg 131  
3089 KE Rotterdam  
The Netherlands

Phone: +31 (0) 10 299 23 44  
Fax: +31 (0) 10 429 21 27

Email: [info@hendrikvedergroup.com](mailto:info@hendrikvedergroup.com)  
Web: [www.hendrikvedergroup.com](http://www.hendrikvedergroup.com)

**DANGER!**  
**WARNING!**

**Be aware that steel wire  
ropes and slings could be  
under tension!**

**To be unpacked by  
competent person/skilled  
rigger only!**

**For safe unpacking details,  
we refer to our website:  
[www.hendrikvedergroup.com](http://www.hendrikvedergroup.com)**