

# HAND SPURGEAR WINCH TIREX 150 AND 300 KG



CE – Comply with Machines Directive 2006/42/EC.  
Developed and manufactured in accordance  
with standard NF E N 13157.

- Flat position
- Indoor - Outdoor
- Trailers, masts
- Lifting doors
- Opening of traps...

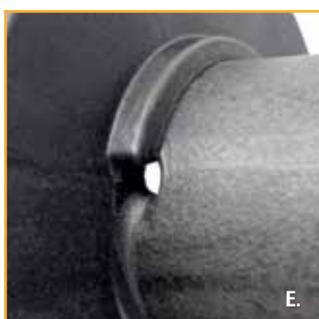
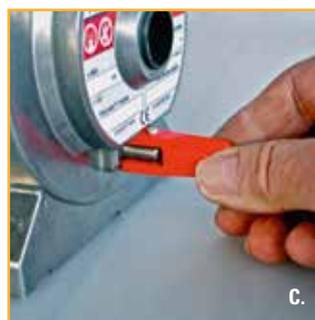
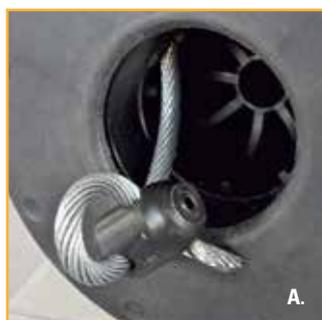
## Technical properties

- A new generation, compact winch taking advantage of the qualities of composite materials and aluminium, especially their anti-corrosion properties.
- Easy to wind. Planetary reducer in a sealed casing.
- Disengageable drum, no load only, associated with a failsafe system in the rope wind direction (patented).
- Zinc-plated steel (standard model) or stainless steel mounting plate.
- Automatic brake.
- Stainless steel spring and pawls.
- Removable crank.
- Ergonomically and comfortably shaped crank grip.
- Many possibilities of wire rope exit (over 250°).
- High force/compact and density ratio.
- Operating temperature between -10°C and +50°C.



## Tirex

## Strong points



A. Accessible, very safe self-tightening rope attachment.

B. Maximum safety: 2 ratchets.

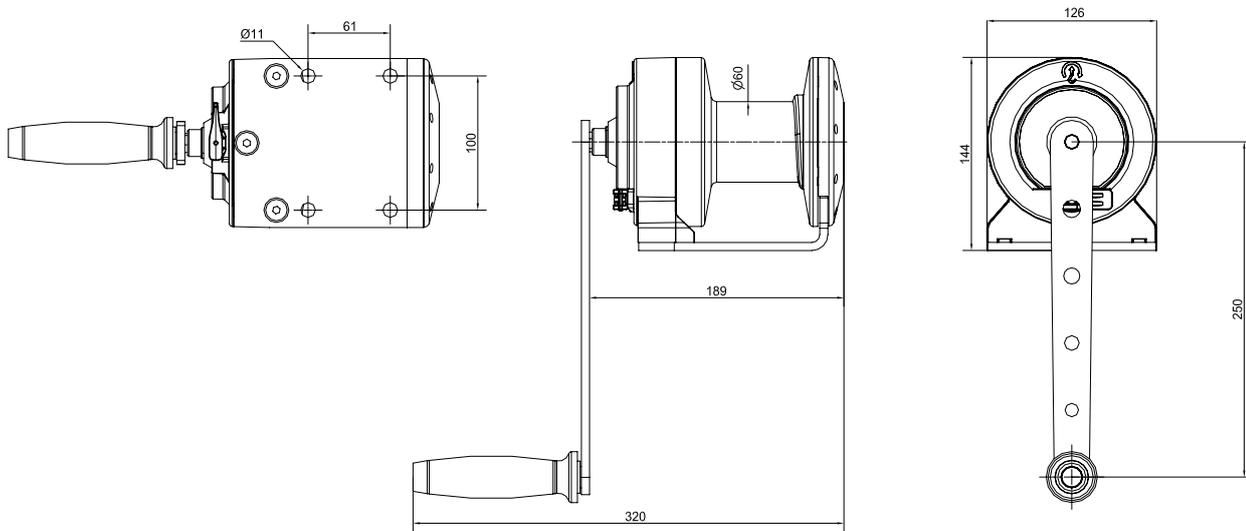
C. Clutch release impossible when loaded.

D. « Soft touch » ergonomic crank grip in two materials.

E. Rope guide for correct winding.

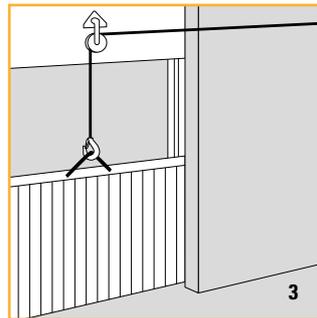
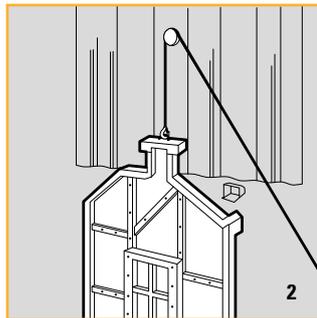
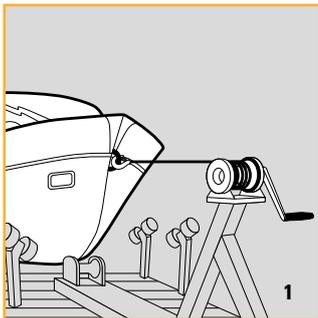
F. Gear system with satellite pinions offering excellent mechanical balance and reducing the effort required on the crank.

## Dimensions



Dimensions mm.

## Applications



1. Moving a boat.

2. Handling scenery.

3. Lifting a door.

4. Installation of a grounding mast for a SNCF cradle.

## Technical characteristics

References	TIREX 150	TIREX 300
<b>Capacity 1st layer kg</b>	<b>250</b>	<b>400</b>
Capacity top layer kg	150	300
Nb of layers	6	3
Wire rope cap. 1st layer m*	2.5	2
Wire rope cap. top layer m*	24	8.5
Wire rope Ø mm	4	5
Lift per crank revolution mm	40	41
Max. hand force on crank kg	8	14
Weight (without rope) kg	3.7	3.7

The indicated rope diameter corresponds to the capacity on the top layer with a safety coefficient equal to (about) 5 when lifting with non-rotating rope. \* Rope and hook extra (see p.78-81).