



*Non contractual photo*

**SERVICE :**

## REFERENCE : WINCH

This case allows to study a 2-speed capstan to hoist the sails of a boat.

### Technical specifications :

#### Themes of TP proposed :

- Functional structure of kinematic chains
- Rotating guidance (with rolling elements or plain bearings)
- Study of materials

#### Composition of the briefcase :

- 1 Winch mounted on a mounting bracket
- 2 pulley supports
- 1 length of listening (rope)
- Tools needed for assembly
- Lot of spare parts

#### Composition of the charge :

- 1 25 Kg round weight with protective enclosure
- 9 balancing masses (from 50 g to 5 kg)
- CD Rom with educational and technical resources as well as 3D drawings files