

APPLICATIONS

The winches caRoI™ R TS 250, TS 500 and MO 500 are equipment for material lifting in compliance with the Machine Directive 2006/42/CE.

The caRoI™ R TS 250 winch is certified according to EN 1496 and can be used as rope-suspended work devices if it is coupled with a fall arrest system complying with standard EN 363 (NB for this configuration the user must comply with the legal requirements applicable in the area of use).



DESCRIPTION

The caRoI™ R TS, TS and MO winches are material lifting winches that have been tested for installation on the mast of the Tractel® davitrac. They are delivered with a mounting bracket specifically designed for this purpose. caRoI™ R TS and TS winches are manual drum winches.

R TS 250 CMU of 250kg delivered with Ø5mm cable of 20m and a rotating hook
 R TS 250 CMU of 250kg delivered with Ø5mm cable of 30m and a rotating hook
 TS 500 CMU of 500kg delivered with Ø7mm cable of 18m and a rotating hook

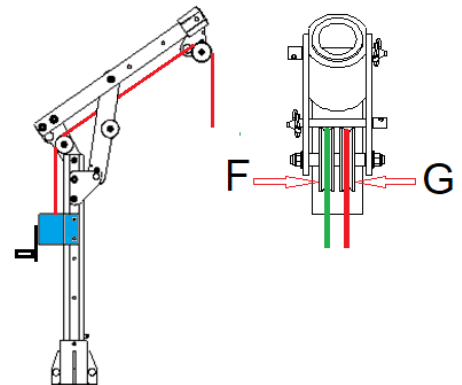
The caRoI™ MO 500 winches are electric drum winches.

- MO500 CMU of 500kg delivered with Ø6mm cable of 13m, with rotating hook, limit switch, 2m cabled remote control
- Brake motor 230v 50Hz
- Class F IP54

To use them correctly on the davitrac, the cable must be placed on a pulley attached to the head of the mar of the davitrac.

NB: the choice of the pulley must be made according to the use of the winch.

- F => PPE pulley 150kg
- G => Pulley for material lifting up to 500 kg



TECHNICAL CHARACTERISTICS

The caRoI™ R TS, TS and MO winches are delivered with a mounting bracket which is fixed to the mast of the davitrac manufactured by Tractel®.

They are delivered with cable and connector.

- Double braking safety by the self-braking worm gear system and the addition of a ratchet brake with double spring
- Rigid frame with painted mechanical parts and drums
- Easily accessible lever-operated clutch drum with safety device to prevent disengagement under load
- Protection of users and mechanical parts by an ergonomic protective cover that can be removed for maintenance.
- The caRoI™ R TS and TS are equipped with a variable length control crank handle (6 adjustment positions) allowing the user either maximum control force or quick manoeuvring for small loads or rewinding operations

- The caRol™ R TS and TS are equipped with a self-locking crank adjustment knob for maximum comfort and safety of use and allowing the crank to be adjusted or removed to lock the winch operation.
- Easily transportable thanks to the crossbar
- Equipped with a mounting bracket for davitrac
- The caRol™ R TS, TS and MO winches with their brackets are fixed to the davitrac mast with 2 pins.

Description	WLL	∅	Cable Maximum capacity	Number of layers	Force on the crank	Weight (without cable)
R TS250	250 kg	5 mm	20 m	5	10 kg	11 kg
R TS250	250 kg	5 mm	30 m	5	13.5 kg	17 kg
TS500	500 kg	7 mm	18 m	5	12 kg	17 kg
MO500	500 kg	6 mm	13 m	3	-	32 kg

APPLICABLE STANDARDS

caRol™ TS and MO winches comply to:

- The Machinery Directive 2006/42/CE

caRol™ R TS 250 comply to:

- The Machinery Directive 2006/42/CE
- The EN1496 standard class A 150 kg

MAIN COMPONENTS

Code	Description	EAN Code	Weight (incl. packaging)	Packaging size
caRol™ R TS 250 – 20m				
286949	caRol™ R TS 250 with 20m cable and davitrac bracket	3600232869498	26.5 kg 2.4 kg	400x300x270 300x240x100
51042	20m cable ∅5mm galva with rotating hook for caRol™ R TS 250	3600230510422	2.8 kg	∅340x75
caRol™ R TS 250 – 30m				
286959	caRol™ R TS 250 avec câble de 30m and davitrac bracket	3600232869597	33.7 kg 2.4 kg	400x300x270 300x240x100
51052	30m cable ∅5mm galva with rotating hook for caRol™ R TS 250	3600230510521	3.8 kg	∅340x75
caRol™ TS 500 – 18m				
286989	caRol™ TS 500 avec câble de 18m and davitrac bracket	3600232869894	22.2 kg 2.4 kg	400x300x270 300x240x100
293839	18m cable ∅7mm galva with rotating hook for caRol™ TS 500	3600232938699	3.6 kg	∅340x75
caRol™ MO 500 – 13m				
293009	caRol™ MO 500 avec câble de 13m and davitrac bracket	3600232930099	32 kg 2.1 kg	500x350x240 300x240x100
293869	13m cable ∅6mm galva with rotating hook for caRol™ MO500	3600232938699	2.7 kg	∅340x75