



FIRE FIGHTING HOSE REELS

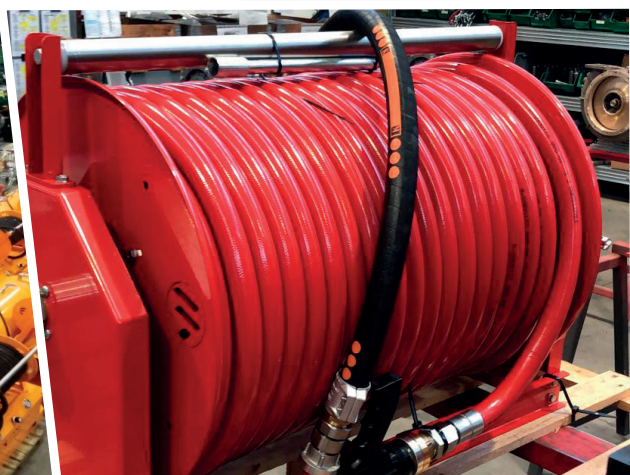
Italian Excellence
in Fire Protection Technology



Eccellenza italiana nella protezione antincendio

MALECO is the manufacturer of a wide range of **HOSE REELS**, which can be used with water-foaming solution for fire-fighting applications or with water for the cooling of structures and buildings in civil/industrial/military applications

MALECO HOSE REELS are suitable for any field of application, permanently attached or applied to vehicles, trucks or vessels, as well as for mobile firefighting operations they can be supplied with water, sea water, dry chemical powder or water-foam mixture.



OIL & GAS HOSE REELS

Our team of experienced engineers provides technical support to customise your required equipment for any safety application.

With a simple yet robust operating principle, they are the result of complex engineering studies designed to deliver high performance even after long periods of inactivity.

The materials of construction used are **Bronze, Stainless Steel and Brass**, with internal passages from $\frac{3}{4}$ " to $1\frac{1}{2}$ ", with very low pressure drops due to the study of internal fluid dynamics carried out by **MALECO**.

The structure has a modular construction in order to be manufactured with various finishes and materials, such as **Carbon Steel** with polyester powder coating, hot-dip galvanising or **Stainless Steel**.

The feeding joint is of the swivel type; rewinding can be manual, electric **12/24 Vdc 300 W. IP 55**, pneumatic or with hydraulic motor.

A version with electric brake 12/24 Vdc 21 W is also available.

Details of special versions on request.

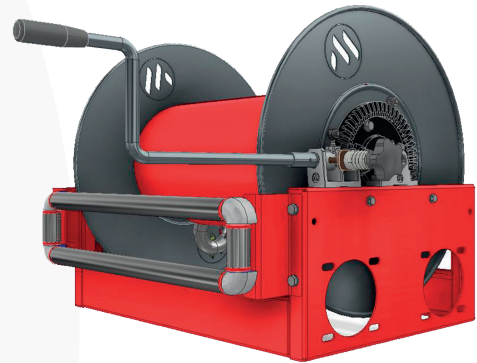
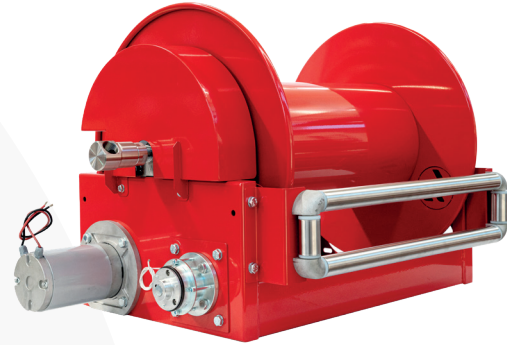
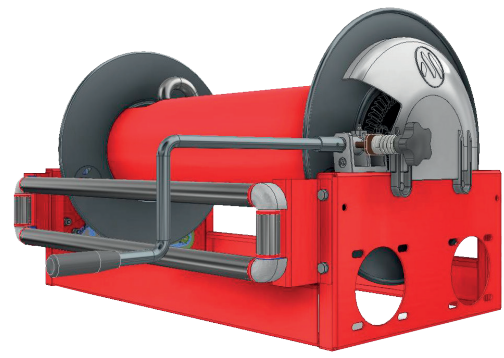
All **MALECO** hose reels can be mounted upside down, horizontally, with inlets positioned to the right or left. Various braking options are available, with the possibility of locking during winding/unwinding operations; these can be manual or electrically operated remotely and can be operated from different positions.

The roller guides for unwinding the pipe can be applied at the top or bottom of the reel or directly fixed to the reel housing support and are designed to allow the operator to unwind the pipe even in an angled position without getting caught in the drum or the structure itself.

The hose reels drum is a universal swing type and to be manual rewind, electrical rewind 12/24 Vdc, air pneumatic rewind or oil hydraulic motor rewind.

Complete range of operation modes:

- **MALECO ML** - Manual rewind
- **MALECO CV** - Remote Manual rewind
- **MALECO EL** - Remoted Control Electric rewind
- **MALECO AIR** - Air compressed Control pneumatic rewind
- **MALECO EL/V** - Electrical rewind with electrical brake



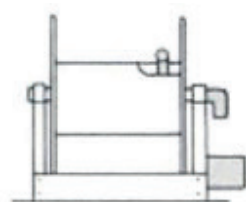
Fields of Application

- Fixed protection
- Storage tanks area
- Wheeled trailer
- Fire Trucks
- Marine application
- Helideck – Hangars
- Hydrant monitors
- Jetty loading platforms
- Refineries



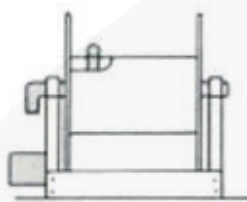
VERSIONS AND VARIOUS TYPES OF ASSEMBLY

Location of the inlet, outlet, riser and rewind mechanism can be varied to meet your requirements and must to be specified on your order, or please refer to following component's location:



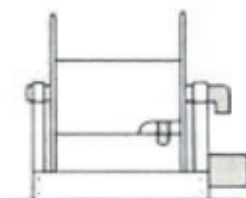
Right Top Rewind (RT)

reels have the inlet, outlet riser and rewind mechanism on the operator's right. Hose unwinds from the top of the reel.



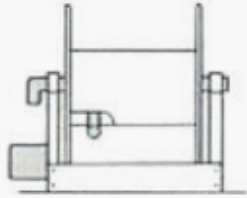
Left Top Rewind (LT)

reels have the inlet, outlet riser and rewind mechanism on the operator's left. Hose unwinds from the top of the reel.



Right Bottom Rewind (RB)

reels have the inlet, outlet riser and rewind mechanism on the operator's right. Hose unwinds from the bottom of the reel.



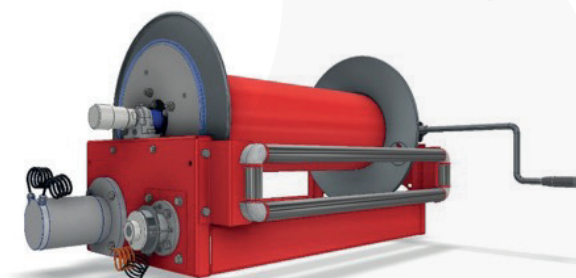
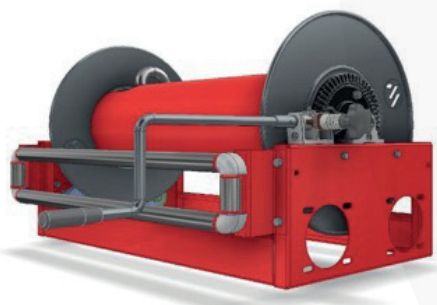
Left Bottom Rewind (LB)

reels have the inlet, outlet riser and rewind mechanism on the operator's left. Hose unwinds from the bottom of the reel.

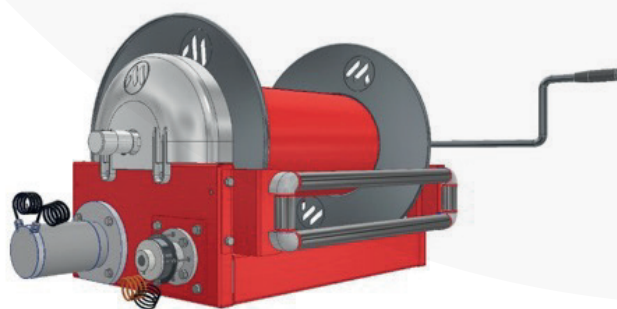
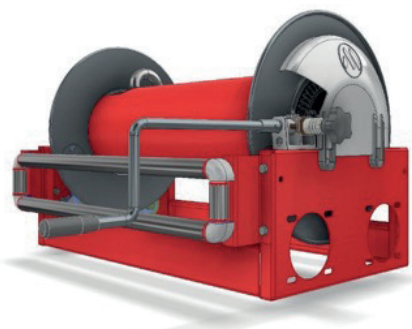
Indifferently, being a modular type, the water inlets can be either DX or SX, as well as the position of the manual brake and crank.

The position of the electric motor can also be chosen either RIGHT or LEFT, depending on the customer's installation requirements.

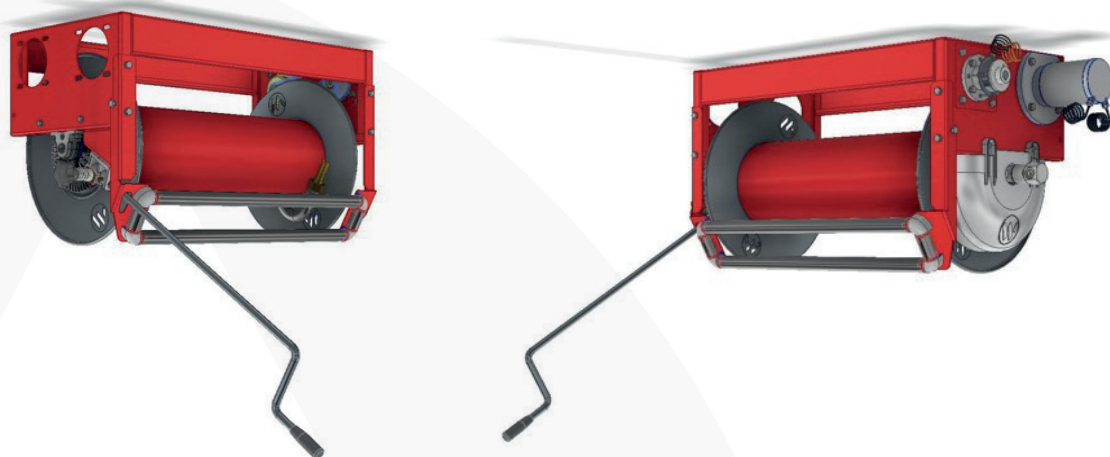
TYPICAL INSTALLATION OF MALECO HOSE REELS



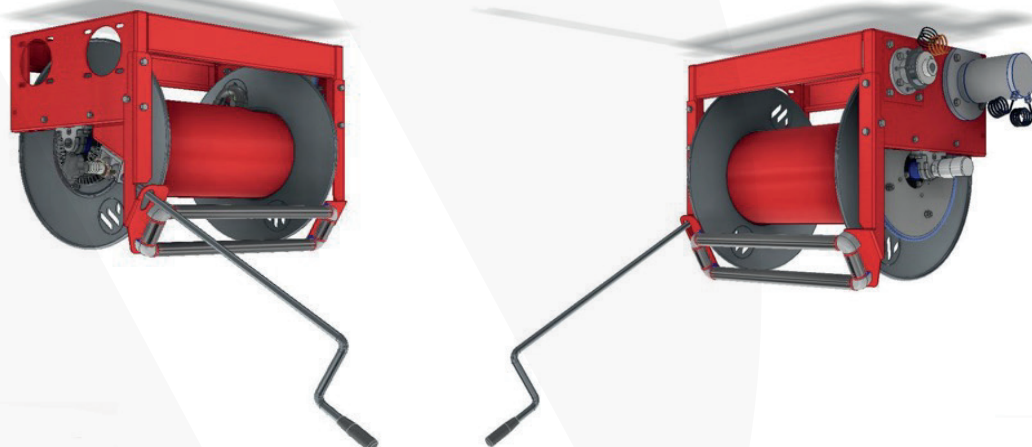
1. ELECTRIC BOTTOM WITH ELECTRIC REWIND AND BRAKE MOD. 150648



2. ELECTRIC BOTTOM WITH ELECTRIC REWIND AND BRAKE MOD. 150649

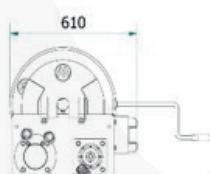
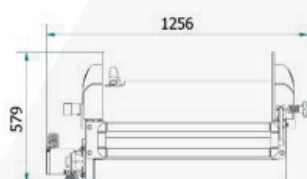


3. ELECTRIC UPSIDE-DOWN WITH ELECTRIC REWIND AND BRAKE MOD. 150650

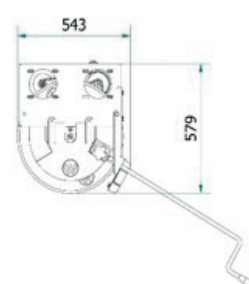
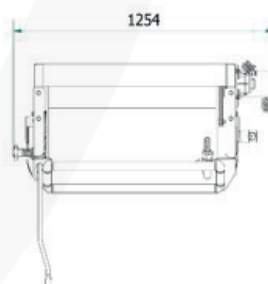


4. ELECTRIC UPSIDE-DOWN WITH ELECTRIC REWIND AND BRAKE MOD. 150651

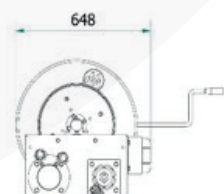
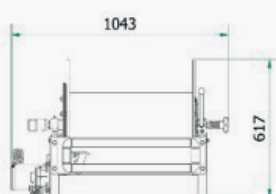
150648 - TAMBURIO D.254 - L813



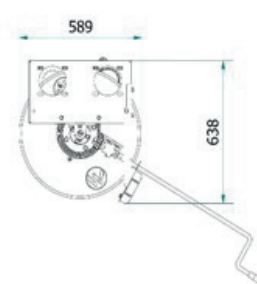
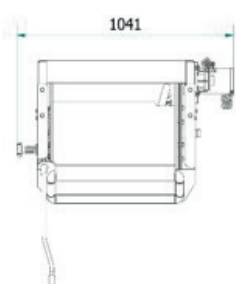
150650 - TAMBURIO D.254 - L813



150649 - TAMBURIO D.286 - L600



150651 - TAMBURIO D.286 - L600



NOTE: The information contained in this brochure is for information purposes only. MALECO reserves the right to make any changes during the course of construction or during the project.



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