



Magnéto's O.C.T.O Winch

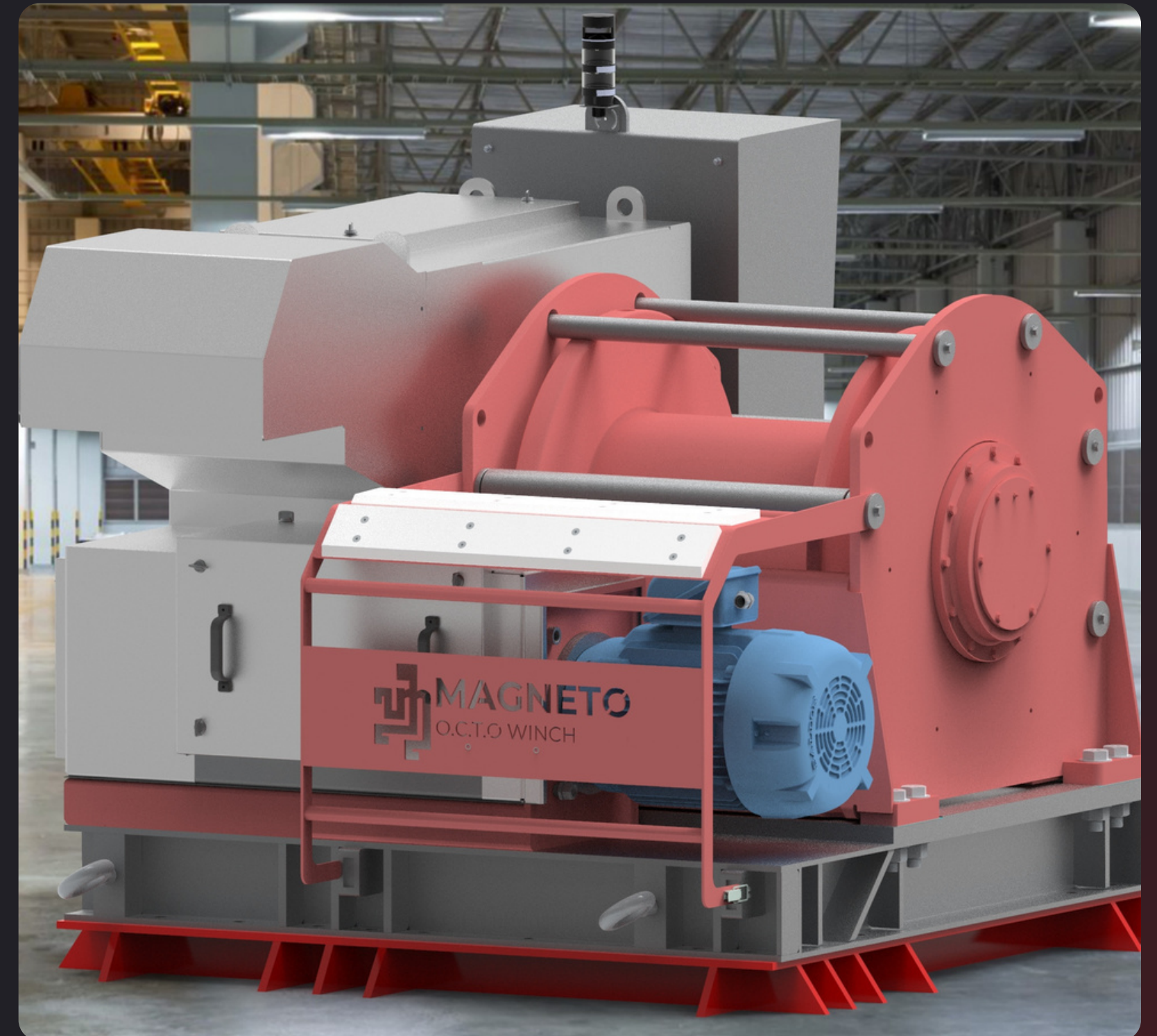
A perfect fusion of power & innovation.



Magnéto's O.C.T.O Winch



O ptimized
C ontrolled
T ensions
O perations





Our Mission

Provide a mooring winch with an automated tension control system and precise vessel shifting capabilities engineered to excel in extreme conditions, all throughout a single operator.



The Main Challenges

01. Safety

Mooring breakages jeopardizes the ship integrity & crew safety.

02. Efficiency

Fuel consumption & GHG emissions impacts environmental sustainability and operational costs.

03. Operations

Complex procedures & protocols hinders smooth operations aboard ships.



How Magnéto Solved Them

01

Tension Management System

Integration of an innovative hydrostatic dynamic system to quickly respond to load variations by maintaining constant tension, thereby preventing mooring breakage.

02

Remote Control

Advanced onboard programming and remote control provide maximum flexibility to address various operational scenarios.

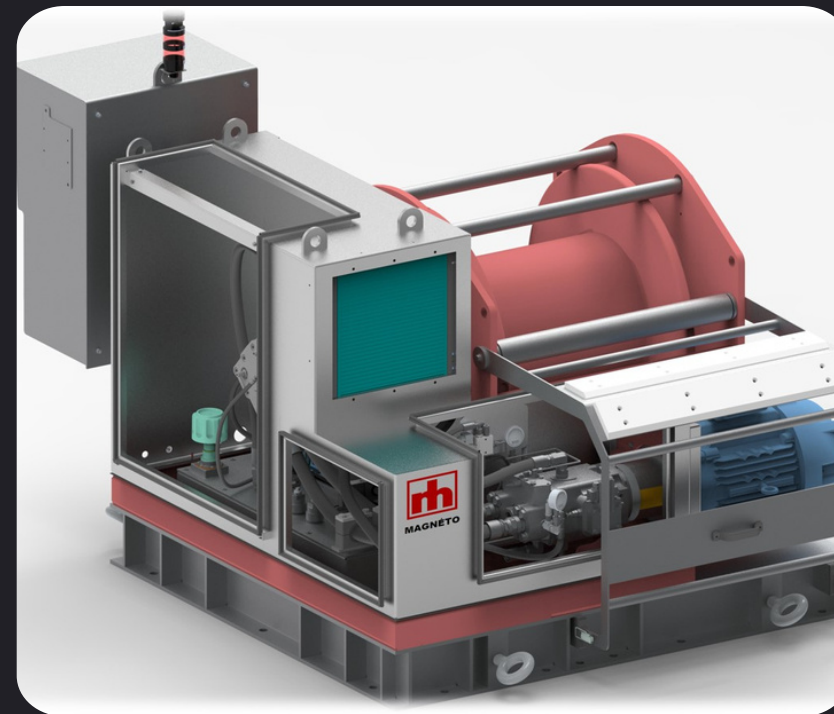
03

Dynamic Shifting Solution

Ability to accurately move ships during loading or unloading operations through advanced control mechanisms.

01

Tension Management System



Winch Performance

The Magnéto mooring winch is designed with an electrohydraulic system to ensure high power and stable performance in challenging environmental conditions

Enhanced Safety

Maintaining the ship's position through the innovative constant tension system thus preventing mooring breakage and improving operational safety.





Onboard Programming

Modern onboard programming system enables customization and automation of operations based on the specific needs of each user.

Operational Flexibility

Capability for remote control, providing operational flexibility and the ability to work at a safe or strategic distance.



02

Remote Control

03

Dynamic Shifting Solution



Synchronized Winch

All winches are synchronized making the loading & un-loading phases run smoothly.

Simplicity

Reduce the human resources needed to safely dock & maintain the ship's position.





Key Features

High-Quality Materials

✦ We use proven high-quality materials to ensure the durability, corrosion resistance, and the robustness of our winch.

Compliance with Standards

✦ Our mooring winches are conform to the specific standards and regulations of the maritime industry.

Winch Control Panel

✦ Equipped with a dedicated screen displaying all necessary information, such as hydraulic pressure and other key parameters.

Wireless Remote Control

✦ Manage the winches with a wireless remote allowing your operators to control the system at a safe distance.

Key Benefits

Savings

Reduce fuel consumption



Reduce operational cost



Extend system lifespan



Decrease sound pollution



Improve employees safety



Reduce GHG emissions



Long-term sustainability



Health

Environment



Get In Touch With Us



Email address

info@magneto.ca



Telephone

1 877 655-2551



Website

www.magneto.ca



Magnéto Boucherville

1375, Gay-Lussac Street,
Boucherville (Quebec) J4B 7K1



Magnéto Quebec

2520, Watt Street, Ste-Foy
(Quebec) G1P 3T4