

MBT



GRUPO

**LINDLEY**

ESTABLISHED 1930



**CIMOLAI Technology® spa**  
Special Equipment

MARINAS AND SHIPYARDS  
MOBILE BOAT TROLLEY



# MBT MOBILE BOAT TROLLEY

## LAYOUT

Customized machine's dimensions and features to meet the customer's requirements

## PAINTING

High-performance anti-corrosion coating for long-term protection, suitable for aggressive and corrosive environments

## STANDARD STEERING SYSTEM

Independent front and rear steering via hydraulic cylinders on the wheel groups

## REMOTE CONTROL

Lightweight and ergonomic wireless remote control with colour display for machine diagnostic and lifted load visualization

## EMERGENCY CONTROLS

Wired emergency control  
Manual hydraulic distributors on the power unit

## OIL FILTRATION SYSTEM

Hydraulic circuit for lifting and travelling: 10 micron  
Oil tank recirculation: 5 micron

## HYDRAULIC SUSPENSION

Vertical stroke for height adjustment via cylinders or compass type suspensions. Independent front / rear hydraulic lifting allowed

## HYDRAULIC AXLE COMPENSATION

Hydraulic suspensions to cope with uneven surfaces

## STRUCTURE

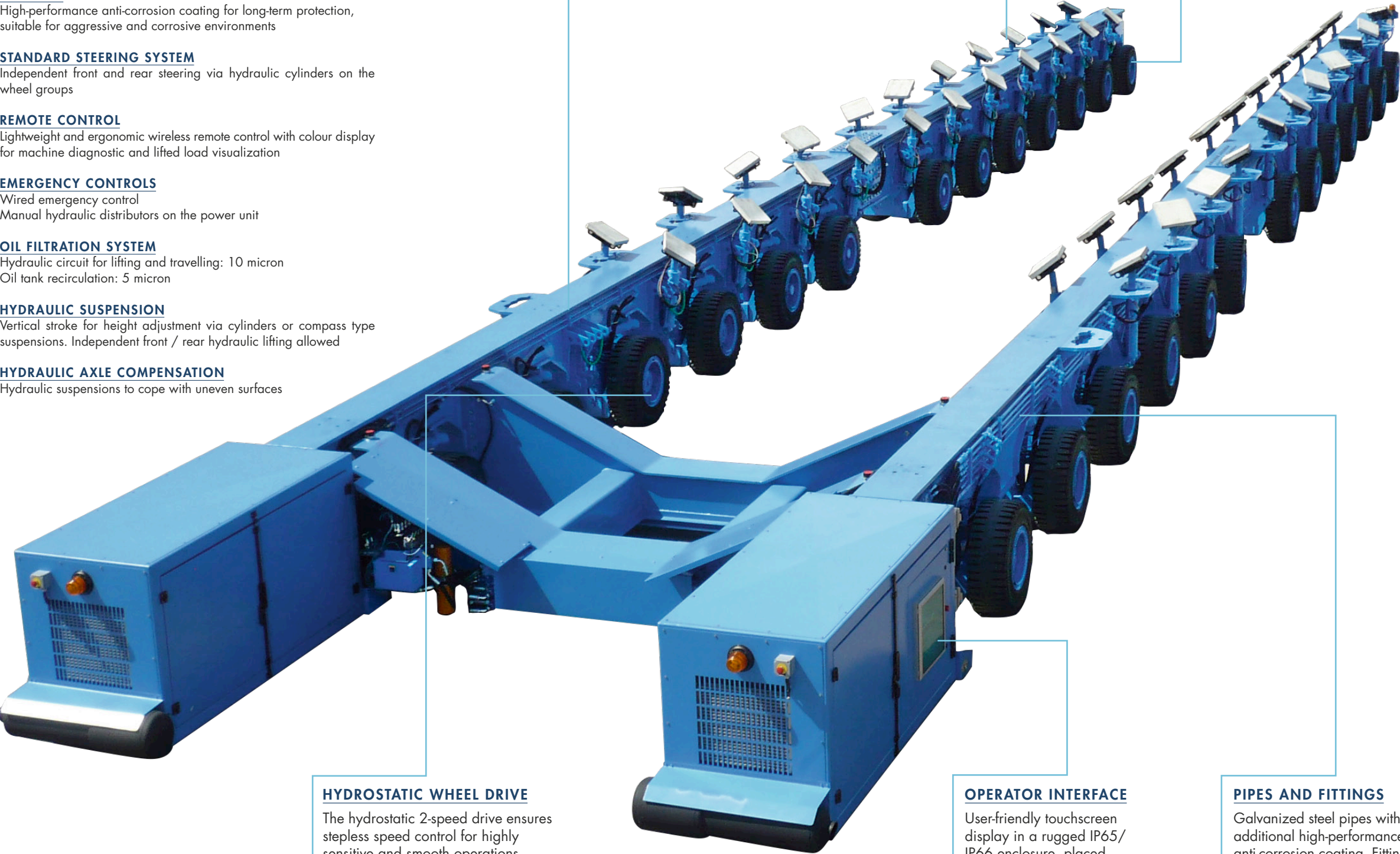
100% manufactured in CIMOLAI's workshops in Italy, steel plates come exclusively from primary European Companies. The structure is designed as per the latest FEM and UNI EN standards and is made of box girders with inner stiffening elements, optimizing the structural resistance

## HYDRAULIC PAD

Removable and adjustable hydraulic pads for hull support and lateral stabilization of the boat

## RUBBER TIRES

Suitable for heavy-duty work conditions. Air inflated or foam filled



## HYDROSTATIC WHEEL DRIVE

The hydrostatic 2-speed drive ensures stepless speed control for highly sensitive and smooth operations. Engine rpm is reduced, resulting in optimised fuel consumption. Each wheel is independently driven, improving the manoeuvrability and reducing wear and tear of each tyre

## OPERATOR INTERFACE

User-friendly touchscreen display in a rugged IP65/ IP66 enclosure, placed on the power unit for onsite machine setting and diagnosis. Supervision of the machine also possible remotely via smartphones, tablets, and computers

## PIPES AND FITTINGS

Galvanized steel pipes with additional high-performance anti-corrosion coating. Fittings with high performance zinc-nickel long-term treatment against corrosion

## OPTIONAL

### ELECTRONIC STEERING SYSTEM ON ALL WHEELS

Achieved via heavy duty slew drives equipped with hardened worm-gears and powered by hydraulic motors. Automatically controlled by a PLC, the system allows 6 different steering configurations, including the concentric 360° steering

### WEIGHING SYSTEM

With pressure gauges to visualize the lifted load on the operator's interface and on the remote control

### REMOTE ASSISTANCE AND DIAGNOSIS

In-house developed software and GSM or Wi-Fi connection to supervise the machine status in real time from our after-sales office and promptly assist the customer's operators on site

### COMMAND POSTS

Different solutions available:  
- Command cabin  
- Open cockpit

### LED LIGHTS

Work lights for low light conditions available upon request

### ELECTRIC DRIVE

Full electric drive machine with zero emission and guaranteed power

### HYDRAULICALLY ADJUSTABLE TRACK

Telescopic transversal beam to vary the machine's track to adapt to the boat's hull and for entering shed doors

### TRANSVERSAL BEAMS

Amovable transversal beams for keel support

### MODULAR CONCEPTION

Additional modules can be added to increase the total lifting capacity of the system

### HYDRAULICALLY ADJUSTABLE LENGTH

Hydraulically extending length to adapt to the boat's hull

### STAINLESS STEEL PIPES AND FITTINGS

AISI 316L stainless steel pipes with zinc-nickel treated fittings

### FORKS FOR CRADLES

Forks for handling cradles





Capacity: **750 t** (350 t + 2x200 t) - ITALY  
Electronic steering system on all wheels



Capacity: **300 t** - GREECE - Hydraulically adjustable track



Capacity: **750 t** - ITALY  
Modular concept



Capacity: **250 t** - TUNISIA



Capacity: **440 t** - FRANCE  
Equipped with hydraulic cradles



Capacity: **200 t**  
GREECE





Capacity: **120 t** - ITALY



Capacity: **70 t** - GREECE



Capacity: **100 t**  
TURKEY  
Hydraulically  
adjustable track



Capacity: **60 t** - GREECE



Capacity: **100 t** - TURKEY



Capacity: **40 t** - GREECE Hydraulically adjustable track



## CERTIFICATIONS



**CIMOLAI Technology® spa**  
Special Equipment



**ESNA-SOA**  
Società Organismo di Attestazione S.p.A.



Lloyd's  
Register



**Cimolai Technology SpA** headquarters span a **total area of 53,000 m<sup>2</sup> - 22,000 m<sup>2</sup>** of which are fully covered and used as fabrication area and offices.

The company can count on all services required by a dynamic and constantly growing firm and is based in Carmignano di Brenta (Province of Padua), Italy.



**Armando Cimolai**  
Centro Servizi s.r.l.

The steelworks for Cimolai Technology SpA are fabricated by **Armando Cimolai Centro Servizi**, a factory in San Quirino (PN) – Italy **that occupies an overall area of 180,000 m<sup>2</sup>**, of which 60,000 are fully covered.



[www.cimolaitechnology.com](http://www.cimolaitechnology.com)  
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