



# MAIN PROJECTS

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ON - SHORE MODULES FOR ZADCO PROJECT  
S.GIORGIO DI NOGARO - ITALY



MOSE PROJECT FLOOD GATES  
MONFALCONE - ITALY



REVAMPING OF STS CRANES  
TRIESTE - ITALY



UNDERWATER REMOVAL PLATFORM FOR  
"COSTA CONCORDIA" REFLOATING OPERATIONS  
S.GIORGIO DI NOGARO - ITALY



LOCKING GATES  
NEW CANAL - PANAMA



SPARVO TUNNEL REINFORCEMENT  
A1 HIGHWAY - ITALY



TOPSIDE LIFTING SYSTEM "MV PIONEERING SPIRIT"  
MONFALCONE - ITALY



IZMIT BAY CROSSING BRIDGE - TRANSITION SPANS  
S.GIORGIO DI NOGARO - ITALY





Prodotto e distribuito da CIMOLAI  
Società a partecipazione paritetica  
tra CIMOLAI e l'Unione Italiana  
Metalmeccanica (UIM)



**CIMOLAI Technology Spa**

**PORT CRANES**  
SOLUZIONI PER IL PORTO



**CIMOLAI HEAVY LIFT Srl**

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

# CIMOLAI COMPANY PROFILE

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Cimolai is a leading company in the fabrication of structural steel, operating in Italy and abroad, specializing in the design and construction of: bridges, viaducts, stadiums, civil and industrial buildings, military infrastructures, welded beams for the off-shore and shipbuilding industries, polygonal and cylindrical poles for electric power and telecommunications transmission lines, tubes of large diameter and thickness, ship hulls and mechanical works.

The core business of Cimolai is structural steelwork, however, the Company has gained experience in high technical projects and engineering content. For more than ten years Cimolai has successfully acquired and completed important projects as a General Contractor. Cimolai can offer the worldwide market a complete “turnkey” project, which means integrating design, planning, construction and management of the whole project.







 **CIMOLAI HEAVY LIFT S.r.l.**  
[www.cimolai.com](http://www.cimolai.com)

**COMETTO**

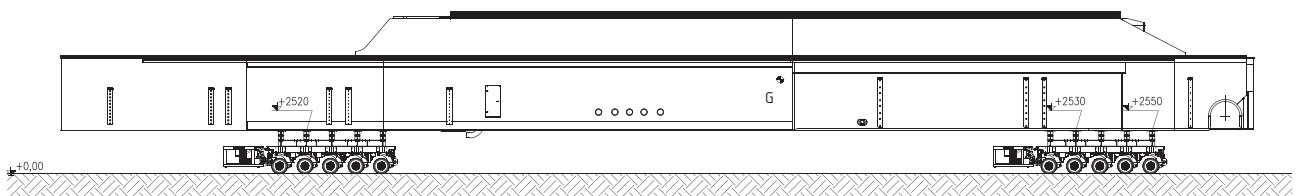
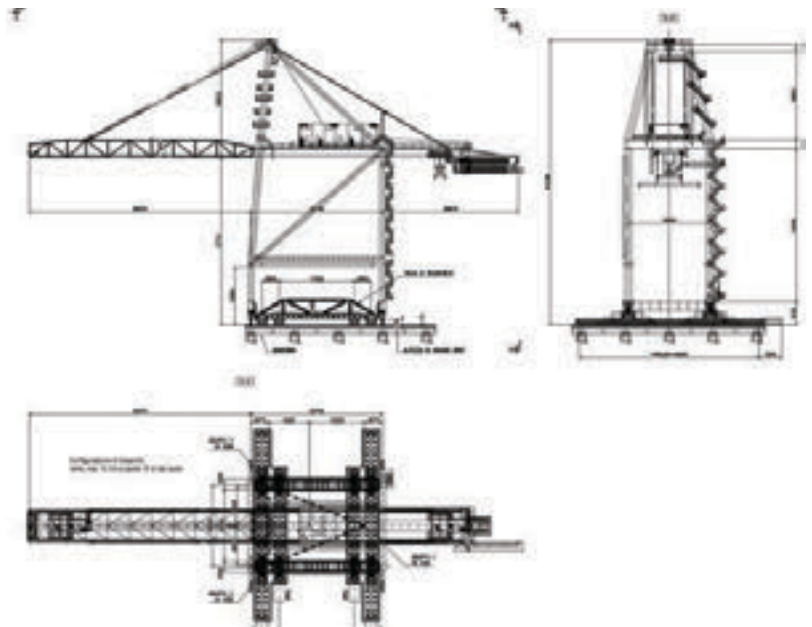
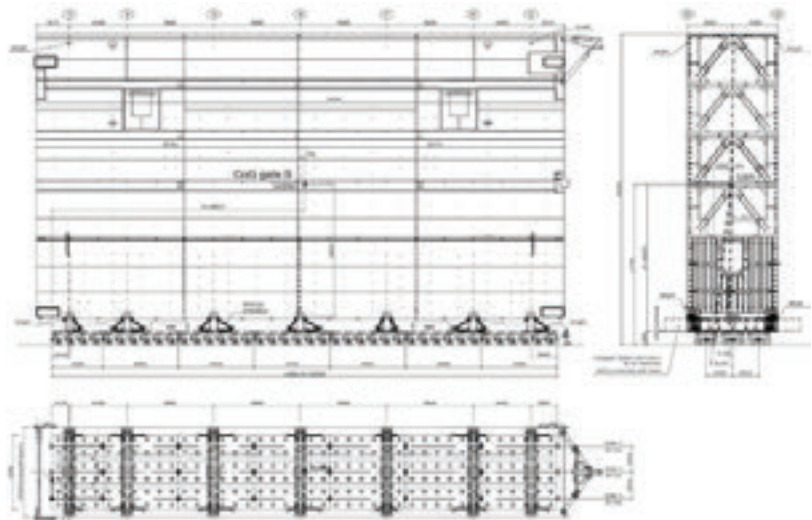
# YOUR HEAVY LIFT SOLUTION

Cimolai Heavy Lift has its origins in the great experience and skills that Cimolai Group developed in handling and lifting of oversize items during about 70 years of business.

Cimolai Heavy Lift decided to offer its knowledge to Italian and worldwide market.

The know-how gained over the years, the engineering and specialized technicians enable the Company to face any heavy road transport and lifting operation in any part of the world.

The main purpose of the new Company is to respond to the increasing demand of special and oversize transports. The Company's aim is to provide a "turn-key" service which includes the design and execution of transport and lifting of oversize structures.









# WE MOVE AND LIFT YOUR WORLD

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Cimolai Heavy lift has a rich fleet of vehicles and equipments such as telescopic and lattice cranes with large capacity, self propelled modular trailers (also called SPMT), temporary piers, hydraulic jacks with different load capacities and strokes.

Thanks to the large fleet of vehicles and equipments, the engineering, its planning method and continuous training experience on field of its staff, Cimolai Heavy Lift is able to satisfy any requirements of its Customers: from large lifting and oversize transport to the realization of special equipments, ensuring all delivery requests and assuring an excellent quality-price ratio.









# SPMT

Cimolai Heavy Lift owns Self Propelled Modular Trailers dedicated to the heavy haulage of special items. There are more than 160 axes available, which means more than 9,500 tons of total load capacity.







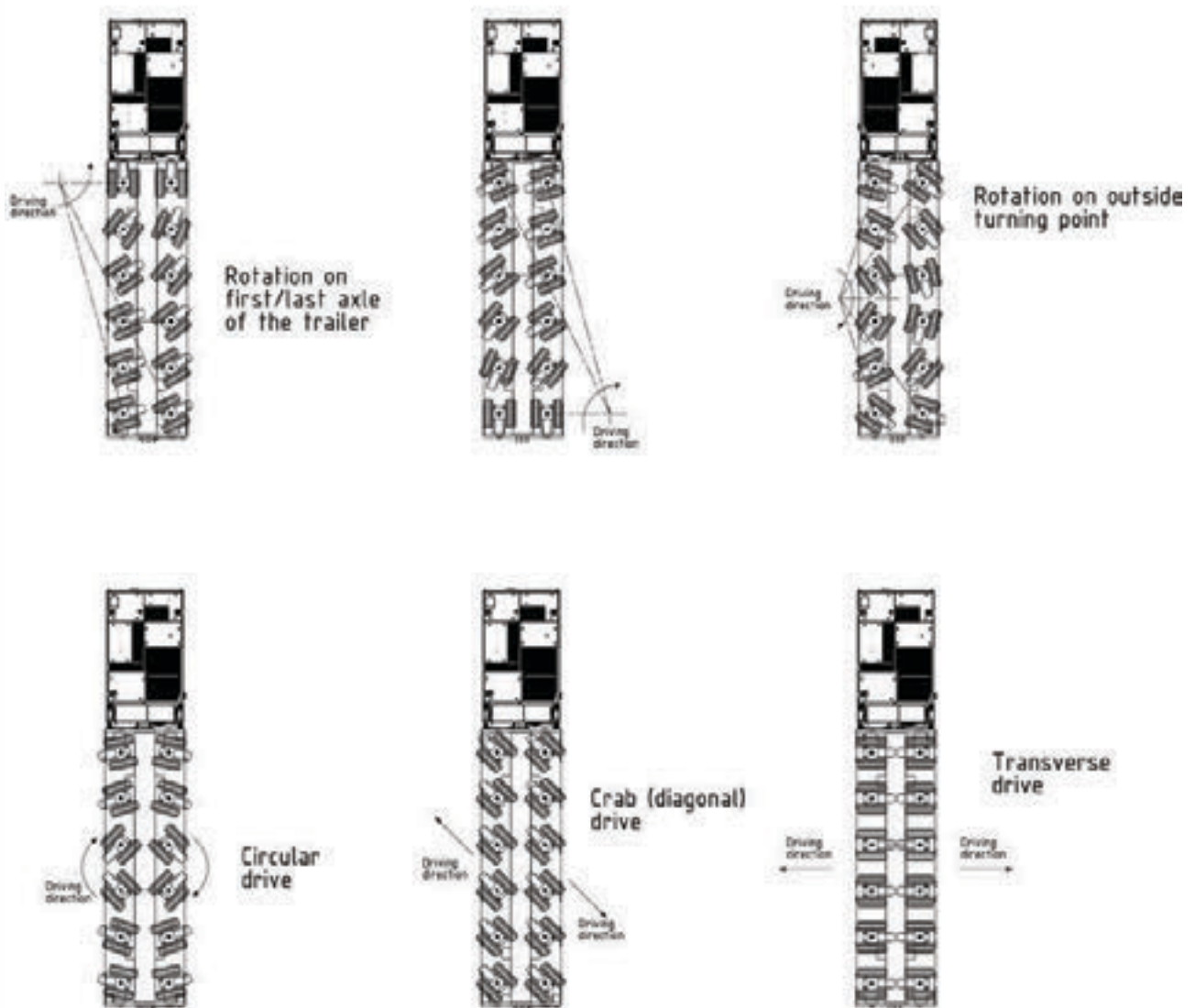






# SPMT

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The trailer are MSPE EVO 2 60T type with 6 or 5 axle module, in detail:

- loading platform dimensions 2.430 mm x 8.400 mm (7.000 mm for 5 axle module)
- loading platform height 1.500 mm  $\pm$  300 mm
- deadweight 360 tons (300 tons for 5 axle module)
- the vehicles can be connected to each other laterally and/or longitudinally, to be able to create the ideal configuration according to the cargo to be transported













# STRAND JACKS

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12,000 tons lifting capacity guaranteed by 60 strand jacks ensures that Cimolai Heavy Lift has the possibility to face any kind of lifting.







# STRAND JACKS

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Strand jack are HSL 2000 type, in detail:

- lifting capacity 200 tons
- jacks are equipped with 19 high strength strands with 15.7 mm of diameter
- stroke of 2,000 mm
- lifting speed up to 6 m/h
- SCC software program able to control and synchronize up to 60 strand jacks simultaneously





# TEMPORARY TOWERS

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Cimolai Heavy Lift has more than 2,500 meters of Temporary Towers with cross or circular sections, with high load capacity (more than 400 tons of payload) and the possibility to be set up with different geometries in plan and height allowing the best configuration in every case.



# HYDRAULIC CYLINDERS

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The equipment fleet includes a wide availability of hydraulic cylinders with 50 to 500 tons load capacity and variable stroke from 50 to 2.000 mm with hydraulic or spring return, controlled by hydraulic pumps able to manage up to 8 jacks simultaneously.









# CRANES

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The equipment fleet includes also telescopic cranes from 50 to 400 tons and a lattice boom crawler crane of 600 tons capacity.









# CRANES

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The available cranes are:

- n.1 Terex Demag A 35 telescopic crane
- n.1 Terex Demag A 45 telescopic crane
- n.1 Liebherr LTM 1050-1 telescopic crane
- n.1 Liebherr LTM 1100 - 4.1 telescopic crane
- n.1 Terex Demag AC 100 telescopic crane
- n.1 Liebherr LTM 1250 - 6.1 telescopic crane
- n.1 Liebherr LTM 1300-1 telescopic crane
- n.1 Liebherr LTM 1400 - 7.1 telescopic crane
- n.1 Terex Demag CC 2800 lattice boom crawler crane





#### PLANT

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