



**JACK UP SYSTEM FOR THE
OFFSHORE WIND FARM
JACKETS**

**THE WORLD... OUR PASSION
SINCE 1955**

TECHNICAL BROCHURE

APPLICATIONS



JACK-UP SYSTEM BENEFITS



SUITABLE FOR
RO-RO OPERATIONS



INTEGRATED WITH
SPMT



CAPACITY UP TO
1800 MT



MODULAR SPAN
AND STROKE



SELF-SUFFICIENT NO
CRANES REQUIRED



SPECIFICATIONS



FAGIOLI TAILOR MADE JACK UP SYSTEM

Fagioli Jack Up system is a tailor made solution to accommodate the needs for SPMT Load Out operations of big offshore Wind Farm Jackets.

Such System is composed by 3 main elements:

- 1) Self-Propelled Modular Trailers (SPMT) — 96 Axle Lines with Gross Capacity of 4,600t.

- 2) Enerpac Push Up System - 4 Electronically Synchronized Lifting Towers with 2,400t of Capacity.

-3) Modular Transport Beams - With 23m of span in standard version (with the possibility to adjust, based on Project requirements)

The Jack Up System is suitable for Transportation Load Out, Jack Up & Jack Down of Wind Farm Jackets with Weight Up to 1,800t and up to 80m height, satisfying standard DNV-GL requirements for Load Out.

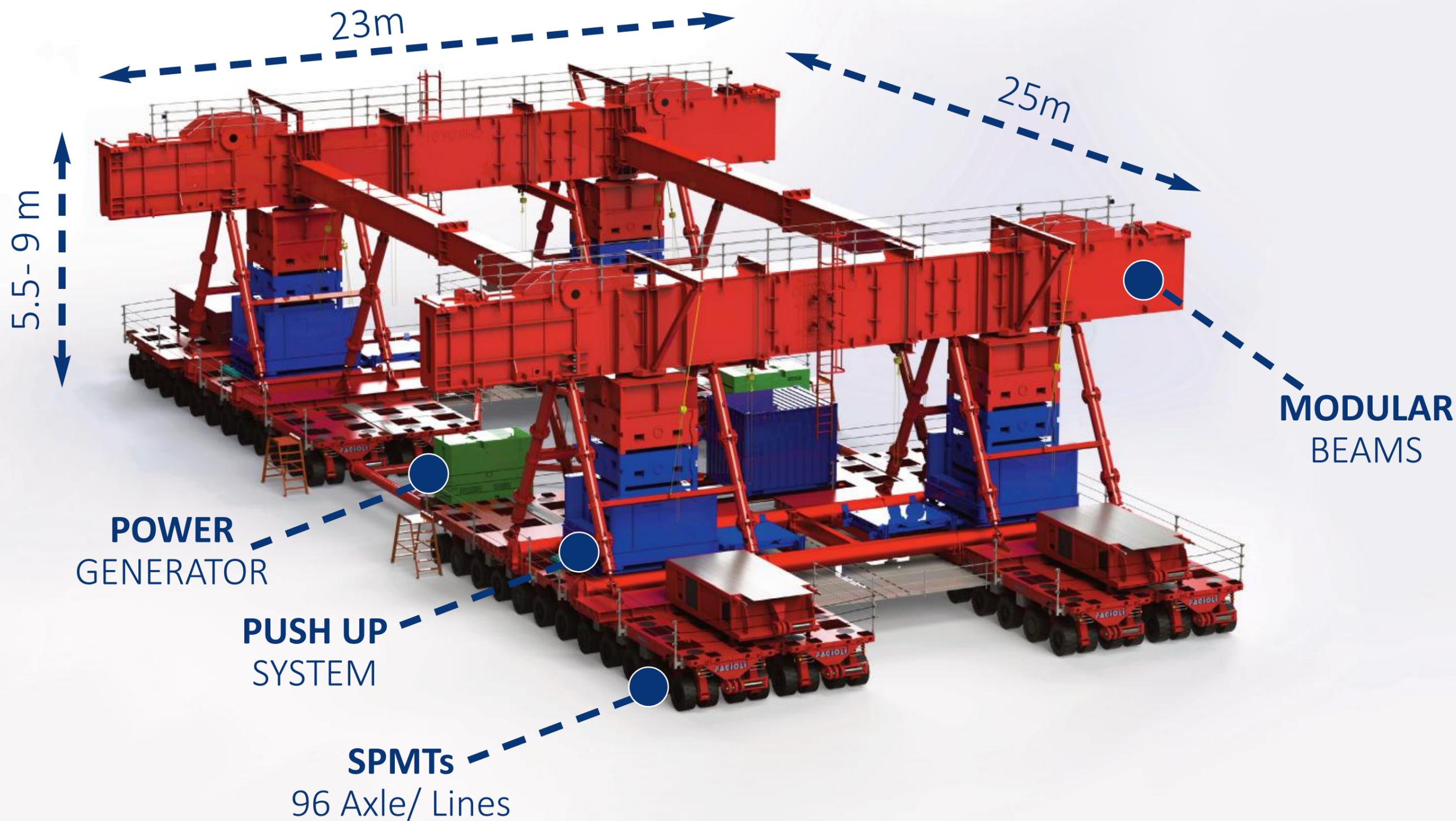
Due to extreme manoeuvrability of the SPMTs it can be used in very congested areas, such as fabrication yards, with Ground Bearing Pressure not exceeding 10t/m².

SPMT Configuration can be used with both 3-Points of Hydraulic suspension, or with 4-points in case higher level of stability is required. Lifting (Jack Up and Jack Down) is performed by Enerpac Push Up Units, that are a fully synchronized lifting system, allowing to hoist fully assembled Jackets without any risk of overloading.

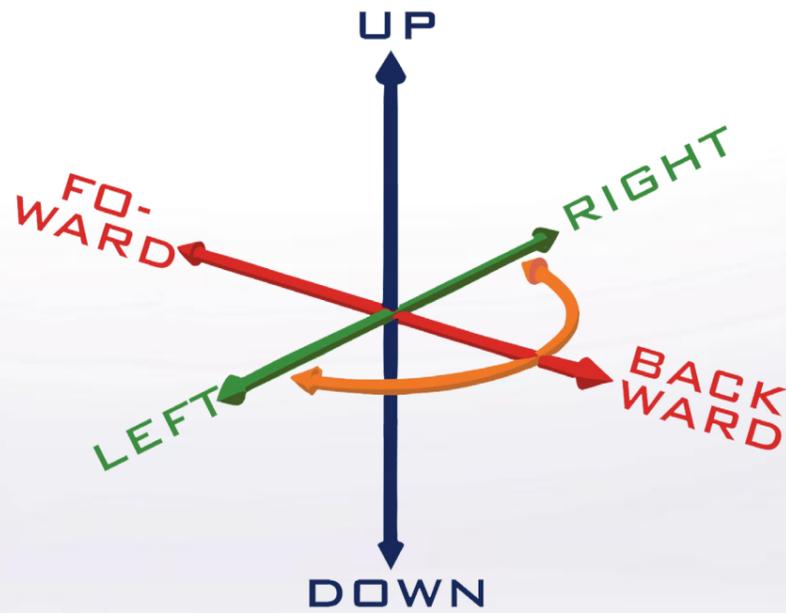
For each step modular barrels are inserted, elevating or lowering down Jacket by 1m each step.



SPECIFICATIONS



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4 DEGREES OF MOVEMENT



INNOVATION
WIND
POWER
 SPMT
RO-RO
COST
 SAVING
 FLEXIBILITY
MARINE
JACK UP
LOAD
OUT
 RENEWABLE

Fagioli Jack-up system is the perfect solution for Load out Operations where Jacket stabbing cone shall be inserted into the grillage and SPMT stroke is insufficient. Jacket is transported with full stroke and after reaching final position onto RO-RO vessel, jacket is lowered down into the grillage. System is designed to operate on top of vessel and cost effecting ROLL ON, as an alternative solution to traditional LOAD OUT by crane. System is also suitable for internal yard movement in case of need for Jacket relocation after Upending operation, or simply due to yard constraints and space limitations.

OPERATIONS ON SITE



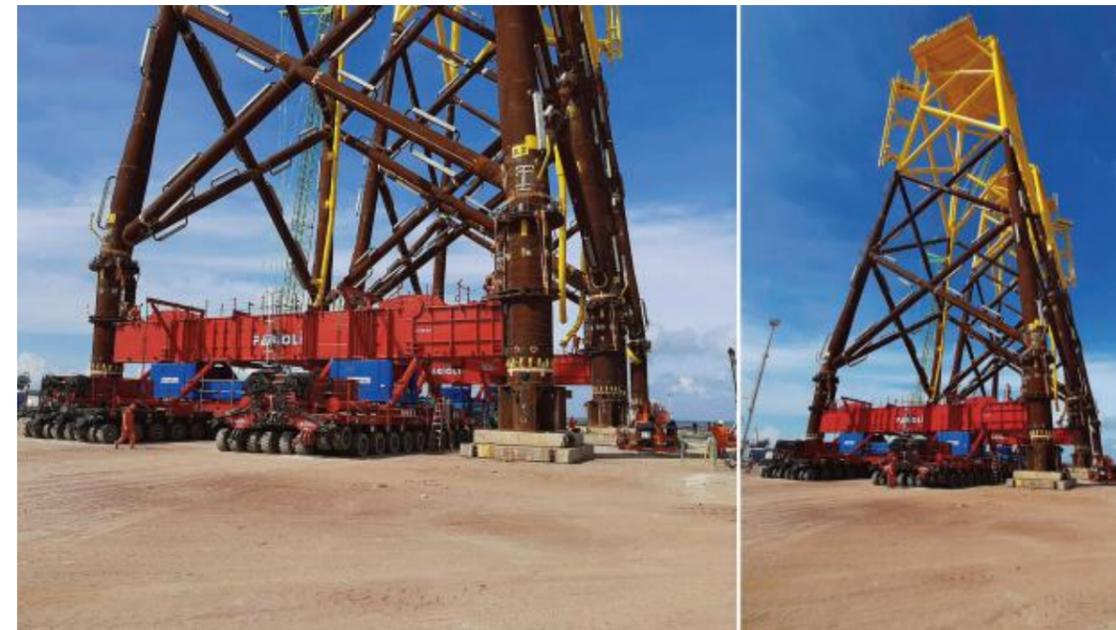
1 HORIZONTAL TRANSPORTATION



2 UPENDING



3 VERTICAL TRANSPORTATION



4 TP INSTALLATION



5 LOAD OUT





JACK UP SYSTEM FOR THE OFFSHORE WIND FARM JACKETS



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