



OIL & GAS INDUSTRY

Since 1955

FAGIOLI ACTIVITY FOR STICK BUILT PLANTS

FAGIOLI ENTERS

Handling

Transport of Heavy Items from Port to Site

Feasibility **Studies**

7

ПH

Design Phase

PAGIOLI

Fabrication



LL

Final Installation of **Heavy Items**

FAGIOLI EXITS



OIL & GAS

The refining and petrochemical industries present their own kind of challenges and Fagioli has proven experience in being able to offer the best transportation and erection solution as well as project and forwarding capacity to our Clients and their engineering companies.





Fagioli is able to handle all kind of Oil & Gas material to be collected around the world and shipped by sea and road, including the chartering of H/L and container ships. New builds and upgrades can involve the transport and erection of heavy vessels/modules either in tight spaces or in congested site areas: Fagioli SPMTs, Tower lift and Strand Jacking systems, Gantry Lifting system and heavy lift capacity Crawler Cranes provided the solutions to these problems.

STICK- BUILT PLANTS



MAIN EQUIPMENT FLEET FOR THE **DIL & GAS INDUSTRY**

Fagioli owns and operates one of the biggest fleet of state-of-the-art equipment in the world, being able to meet customer needs for the hauling, hoisting and installation activity.

SPMTs









Available other equipment such as: - Climbing Jacks - Screw Jacks - Jack up System - Auxiliary equipment



With the modularization process the entire plant is divided into large pre-built modules (thousands of ton each) which can be entirely transported and installed on site. Fagioli offers an inventive and innovative approach with in-house engineering during feasibility stage and a huge range of heavy lift equipment for the hauling, hoisting and final installation of pre-built modules with limitless tonnage capacity.



MODULARIZED PLANTS

Q FAGIOLI

EQUIPMENT

OIL & GAS

CASE STURY

INDONESIA: THE TANGGUH PROJECT

The project involved the forwarding and heavy transport activity of material with final destination Indonesia. The project (a consortium between PT Fagioli Lifting & Transportation Indonesia and PT CPPI) was executed between 2017 and early 2020 with a planned 250,000 freight ton of material. Material originated from all over the world: Europe (Belgium, the UK, Holland, Germany, Italy and Romania); U.A.E.; Japan; India; South Korea; China; Australia; Malaysia; Singapore; USA; Vietnam. The heavy items over 100 ton were unloaded at the same quay. Main item was an acid gas absorber weighing up to 1,200 ton with a length of about 55 m and a diameter of 10 m. FAGIOLI Asia was involved for the transport and installation by heavy lifting of up to 230 items and packages with a cumulative weight of 20.000 tons, for the Tangguh LNG Project. The modules and packages for the Tangguh project were fabricated in yards in Singapore, Indonesia, Korea, UAE, USA. Main equipment for the heavy items operations: No. 6 cranes , the LR11350, KOBELCO SL6000 and CKS 3000, along with 3 nos. Tadano GR80EX RT Cranes which were used as support cranes. For the transport Fagioli used no. 76 SPMT axle lines; for the installation of the heaviest items Fagioli used Tower Lift system consisting of 4 nos 600 capacity strand jacks.



Top Left: Load out operation of a column vessel onto a dedicated H/L ship. Top Right: Lifting of the 1,200 ton gas absorber Bottom Left: Load out of a vessel. Bottom Center: Preparation for the installation Activity. Bottom Right: Loading operation



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