

Hydrocracker Project Vessel Lifts, Saras Refinery, Sardinia

Project Engineers: Parsons Group International Ltd.
Transportation and Lifting Contractor: Fagioli S.p.A.



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PETROCHEM 11



The trailing method incorporated a specially designed frame mounted on Fagioli PSC's Self Propelled Modular Transporters configured as two sets of six axles in parallel. This method has now been used in several international vessel lift projects and has given proven advantages for the client in utilising the SPMT's that have delivered the vessel to its lift position.

Providing trailing for the vessel and engaging Fagioli PSC for provision of the lift system were just two parts of a package undertaken by Fagioli PSC to provide all door-to-door, on-site transportation and lifting for the entire project.

As a subcontract for parent company Fagioli S.p.A. in a project engineered by Parsons Group International Ltd. for Saras S.p.A. Refinery Sardinia, Fagioli PSC supplied a Towerlift system for the installation of two 500 tonne vessels. The lift method incorporated a 28 metre high cross beam configuration of Fagioli PSC's Towerlift system with a traversing jack support system on top of the crossbeams. After lifting to the vertical each vessel was traversed over its permanent foundation using the travelling system, before being lowered into its final position on 8 metres height permanent support steel work.

