

03 October 2016

WORLD'S LARGEST LAND BASED CRANE PERFORMS INAUGURAL LIFTS IN BRAZIL



The world's largest capacity land based crane, the AL.SK350, has performed its inaugural lifts in Brazil, using its 4,000t winch system and high speed slew.

ALE is currently using the AL.SK350 crane to lift and install approximately 40 modules, weighing up to 3,000t, onto the P-74 FPSO (Floating Production, Storage and Offloading) vessel in the south of Brazil.

The crane was selected by the client as, due to its large capacity, it was the only crane capable of installing the modules complete and without additional relocation of the ship's hull. This has saved the client considerable construction time and money in the construction schedule.

The heaviest module on the project will weigh 3,000t, making it the heaviest commercial load ever lifted by a land based mobile crane.

Ronnie Adams, Senior Project Manager on site, commented: "The crane is performing well and exceeding expectations with its high slew speed, in combination with the 4,000t winch system. Despite challenges faced by the weather, we have successfully completed the first campaign ahead of schedule, recognising the engineering achievements this milestone brings."

ALE's AL.SK350 crane has been rigged in its current biggest configuration with 49m ballast radius and 4,000t ballast. The main boom is a 130m long A-frame design on a very stable 18m wide base. The crane is equipped with a 4,000t main winch system and 600t auxiliary quick winch system for heavier loads up to 5000t a strand jack lifting system can be installed.

With its 354,000tm load moment capacity, it is the largest capacity crane in the market by a significant margin and its huge lifting capabilities enables clients to construct equipment for lifting weighing heavier than ever before.

ENDS

For more information or images, please contact Sarah Maia on 01889 272 545 or email s.maia@ale-heavylift.com

Image 1: Lifting and installation of the M11 module, weighing 1,815.75t.

Notes to editors:

ALE delivers a highly tailored, end-to-end service covering every aspect of the handling, transportation and installation of heavy, indivisible loads, including lifting, transporting, installing, ballasting, jacking and weighing.

ALE delivers strategic heavy-lift services to a wide range of sectors, including civil, oil and gas, energy, nuclear, offshore, renewables, petrochemical, ports, marine, minerals and metals and mining.

ALE has more than 30 offices across Europe, the Far East, Africa, America, South America, the Middle East and Australia. It is fully compliant with international standards of safety and excellence, including Quality standard ISO 9001:2008, Environmental standard ISO 14001:2004, and Health and Safety Standard OHSAS 18001:2007.

The AL.SK350 crane was launched in 2013 with a lifting capacity of 5,000t and a load moment of 354,000tm. The AL.SK cranes are also available in AL.SK190 and AL.SK700 configurations, achieving capacities up to 4,300t and 8,000t respectively. Furthermore, the cranes can be equipped with a 3,400t capacity heavy duty jib. The jib will be used on the next FPSO module integration project in Nigeria in the first half of 2017.

Further information can be found on the ALE website at www.ale-heavylift.com.