

HRSG Module Lifting Shoreham Power Station

Main Contractor: ABB Power Construction
Mechanical Erection Contractor: Rhodes Group



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For main contractor ABB Power Construction and erection contractor Rhodes Group, Fagioli PSC completed the lift of 30 No. 80 tonnes weight HRSG boiler modules using one Fagioli PSC L100, 105 tonne capacity Strand Jack, at Shoreham Power Station, England.

The method involved using two equipment sets in a 'leapfrog' technique, with one set being rigged for the next lift while the other set is in operation.

Fagioli PSC also completed an identical project with 36 No. HRSG boiler modules at Seabank Power Station, England.



Above: self contained jacking units incorporating jack support beams, strand jack and recoiler unit. The units perform a 'leapfrog' pattern, meaning that while one unit is operational the other is being repositioned by a service crane ready for the next operation, thereby allowing an almost continuous operational period. Typically this method would allow the installation of between 3 and 5 modules per day, depending on duplication of 'strongback' frames and the time taken in preparation of the module before lifting