

## Erection of splitter vessel, Al Jubail Polypropylene facility, Saudi Arabia

**Management Contractor:** ABB Lummus Global

**Client:** Samsung Saudi Arabia



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The erection of a 104 metre tall Splitter vessel was carried out by Fagioli PSC at a new Polypropylene facility being constructed for the Saudi Polyfins Company.

The vessel weighed 750 tonnes with a diameter of 8 metres. The lifting system used for this erection consisted of a 90 metre square format Towerlift with two L450 Jacks.

Two L180 Jacks were also used for tying down the cantilever beams and four L50 Jacks for tower guys.

The lifting operation itself was completed during a 10 hour session starting at 0545 in the morning to overcome the difficulties of heat later in the day, temperatures which regularly exceeded 50 degrees C. The vessel was in a vertical position within six hours the remainder of the time was for final positioning and levelling of the vessel.