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# cranes

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# On the boil

Crane Rental Corporation in the US used two Manitowoc 2250 crawler cranes to tilt up and place boiler modules, weighing up to 190 tonnes each, at a power plant site in Florida. IC reports



**A** recent project in Florida US saw Crane Rental Corporation lift and place four boiler units, each made up of 10 modules.

The job began for CRC when the modules were delivered to the power plant, on the central west coast of Florida, by ship. The ship's cranes were used to lift the modules, manufactured in Korea, onto stands in the lay-down yard ready for CRC to transport them to their final position.

A Kenworth prime mover and a 15 line Goldhofer hydraulic platform trailer were used for the one-mile transfer, before lowering them onto beams.

Two Manitowoc 2250 crawler cranes were then used to stand up and set in place the modules, which each weighed between 285,000 and 425,000 pounds (127 and 190 tonnes).

The lead crane was rigged with a

The modules were placed on stands by the ship's cranes to allow CRC's Goldhofers to drive underneath them



## MANITOWOC MODEL 2250

Lifting capacity	300 tonnes
Maximum main boom	91.4 m
Maximum fixed jib	118.9 m
Maximum Luffing jib	121.9 m
Line pull/speed	133 kN 165m/min





CRC used two Manitowoc Model 2250 crawler cranes to lift and place 40 boiler units



200 foot (61 m) main boom, 162,200 pounds (72 tonnes) of carbody counterweight and a Manitowoc Max-er luffing jib attachment. A 40 foot (12 m) wagon with 462,500 pounds (206 tonnes) of counterweight was also used, along with various rolling bars blocks, spreader bars, shackles, slings and chokers.

The tailing crane was rigged with a 170 foot (52 m) main boom, with 249,200 pounds (113 tonnes) of crane counterweight and 120,000 pounds (54 tonnes) of carbody counterweight.

According to Crane Rental Corporation, it took about 45 minutes to lift, stand and place each module. ■



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