

## Press release

Industrial Solutions

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**thyssenkrupp Industrial Solutions (Australia) are on track to deliver the world's largest rail mounted stackers and reclaimer on schedule for BHP's South Flank Project.**

- Off-Site preparation of the transport modules ongoing, ahead of the schedule.
- Site construction expected to commence in late January 2020

thyssenkrupp was awarded the contract to design, supply, construct and commission two stackers that will deposit iron ore into stockyards for loading, and a reclaimer for loading the ore into trains for transport to Port Hedland, for the BHP South Flank project in the Pilbara region of Western Australia. These large machines will each have a capacity of 20,000 tonnes per hour, making them the largest rail mounted stackers and reclaimer in the world.

thyssenkrupp developed the two fully autonomous stackers and reclaimer with the latest statutory requirements for functional safety as defined in AS4024 and AS61508. For machine collision avoidance, a combination of GPS, SIL rated encoders and limits are used. The fully autonomous machines are digitally connected and monitored from a remote centralised control room.

Offsite pre-assembly of these locally designed and manufactured machines is well underway in Perth, with many of the large pre-assembled modules already complete. These modules are to be transported from their current location at the AMC complex in Henderson, to the BHP South Flank site with construction likely to commence in late January 2020. The first machine will be commissioned and ready for first ore in line with BHP's 2021 target.

Zoran Matijevic, Project Director - South Flank Project at thyssenkrupp Industrial Solutions (Australia): "It has been a great privilege to lead thyssenkrupp's team through design, procurement, fabrication and preassembly phases so far, and achieve 50% overall project progress milestone ahead of the plan. I look forward to logistics, construction and commissioning phases and final handover of this equipment"

Johann Rinnhofer, Chief Executive Officer at thyssenkrupp Industrial Solutions (Australia): "The project has created several hundreds of Perth, Henderson, Kwinana Beach and Western Australian based jobs since work started in September 2018."

thyssenkrupp's Industrial Solutions global Business Unit (BU) Mining have recently streamlined their operations and are now fully focussing on mining equipment, with the engineering centre of excellence for materials handling located in Perth.

thyssenkrupp Industrial Solutions (Australia) also closely cooperate with the tk global organisation in the minerals processing areas of comminution and pyroprocessing. This also applies to green technologies like hydrogen electrolysis and green chemicals.

About thyssenkrupp Industrial Solutions:

The Industrial Solutions business area of thyssenkrupp is a leading partner for the engineering, construction and service of industrial plants and systems. Based on more than 200 years of experience we supply tailored, turnkey plants and components for customers in the chemical, fertilizer, cement, mining and steel industries. Around 12,000 employees worldwide form a global network with a technology portfolio that guarantees productivity and cost-efficiency to the highest extent possible.

For more information visit: [www.thyssenkrupp-industrial-solutions-australia.com](http://www.thyssenkrupp-industrial-solutions-australia.com)

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