

BHP RC03 Reclaimer

Pilbara, WA



YEAR: 2020

AREA PAINTED: Stackers and Reclaimer

PRODUCTS USED:

Primer: Galvit[®] EP100

Intermediate: Epiname[®] DTM985

Final Coat: Paracryl[®] IF540

PROJECT OWNER: BHP Iron Ore, South Flank

FABRICATOR & COATINGS

APPLICATOR: Cimec Construction, WA

In 2020, BHP's South Flank Iron Ore facility unveiled RC03, dubbed the 'world's largest rail mounted bucket wheel reclaimer', along with two stacker units. A pride of Western Australia, the project consumed 85% local content.

Dimensions of the reclaimer:

Total length: 106m / Total height: 40m / Bucket wheel diameter: 12.2m

The reclaimer replaces production from the existing Yandi mine, which is reaching the end of its economic life. This steel structure was constructed and coated by fabricator, Cimec Construction, in Henderson (WA).

The coating system was selected due to the benefits of quick recoat times, increased productivity, ease of application and its compliance to the latest Australian Standards.

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