

CUSTOMER: Stefanutti Stocks
PROJECT NAME: Sasol Synfuels Stack 2 West, Flue 4
APPLICATION: Internal Cleaning of Clinkers and Concrete Repairs

PROJECT DESCRIPTION

This custom circular platform was designed and fabricated for Stefanutti Stocks to carry out the internal removal of clinkers and subsequent concrete repair of Sasol Synfuels Flue 4 in Secunda, Mpumalanga Province.

The platform was designed to be lifted to the top of the stack in eight individual sections and taken into the flue through a 900mm x 600mm opening. Each section had an Alpha 800 hoist attached and was suspended independently from beams and slings. Once in position the eight sections were joined to form a circular platform. The nature of the work required the platform to articulate and this was achieved by a series of pin joints. Clevis joints were installed to prevent the sections articulating more than 3 degrees.

The platform was installed by the contractor assisted by SkyJacks technicians and the work was carried out during a shutdown period of two weeks.

Vertical Run	220 m
Type of Platform	6.0m Custom Circular Platform
Rated Load	1,400kg – 9 persons
Type of Hoist	8 x Alpha 800
Standards	SANS 51808, SANS 10295-2, SANS 10162-1
Type of Suspension System	Beams and slings



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