

CUSTOMER: Karena-Concor Joint Venture
PROJECT NAME: Medupi Power Station
APPLICATION: Repairs Inside Chimney Flues

PROJECT DESCRIPTION

Medupi Power Station is located in Limpopo Province and with six boilers each powering an 800 MW turbine producing 4800 MW of power it is expected to become the largest dry-cooled coal-fired power station in the world.

This custom circular platform system was designed, fabricated and installed for Karena-Concor JV to give them access to the internals of flues to carry out remedial work. Repair work included corrosion protection and welding. The platform was installed at 210 meter level by a five man SkyJacks team working in difficult conditions. Powered by 12 x Sky Climber Alpha 800 380V hoists and operated using two x 6-way control boxes, the platform took five days to install and was inspected and approved by the Department of Labour.

SkyJacks provided a Supervisor and a TSP Erector to carry out the daily inspections, operate the platform for the contractor and attend to any faults.

Vertical Run	210 m
Type of Platform	Custom Circular Platform
Rated Load	450 kg per 5m Section
Type of Hoist	12 x Alpha 800 (380v)
Standards	SANS 51808, SANS 10295-2, SANS 10162-1
Type of Suspension System	Slings

