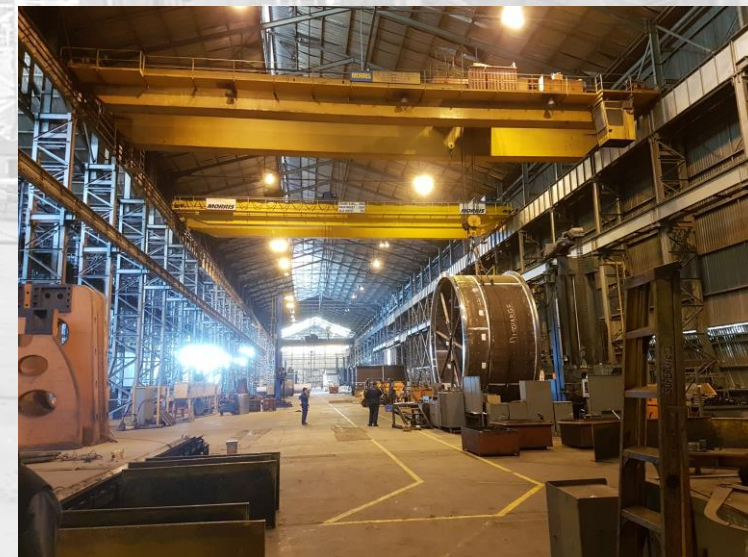




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- Introduction to K5 Heavy Engineering
- Targeted Sectors
- Our Facilities and Capabilities
- Accreditations and Safety
- Advantages to the client



INTRODUCTION



- K5 Heavy Engineering offers heavy engineering services to clients throughout the world, aiming to deliver the highest quality heavy engineered solutions, while still offering competitive pricing.
- Our company is built on 70 years of proud heritage established by both Dorbyl Heavy Engineering and DCD Heavy Engineering.
- We can be considered as carrying the largest machining capacities on the African Continent, and amongst the largest in the world.
- K5 Heavy Engineering has purchased the DCD Vanderbijlpark Works.
- Consolidation of all heavy equipment from the previous DCD South Works and the VDB Works with all operations now been delivered out of the 20,000m² facility in Vanderbijlpark.
- Retention of selected DCD staff, management team & critical skills in house.
- Proud Joint Venture Association with a **BBBEE, 100% BWO Level 1 Contributor with a procurement recognition level of 150%.**

TARGETED SECTORS



K5 Heavy Engineering services a variety of industries including :

Mining

Mine Winders



Gyratory Crushers



Grinding Mills



TARGETED SECTORS



Power Generation

Wind Turbine Columns



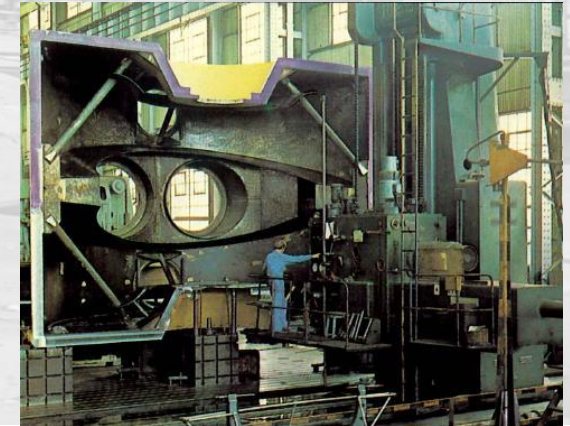
LP Casings



Pump Casings



Turbine Casings

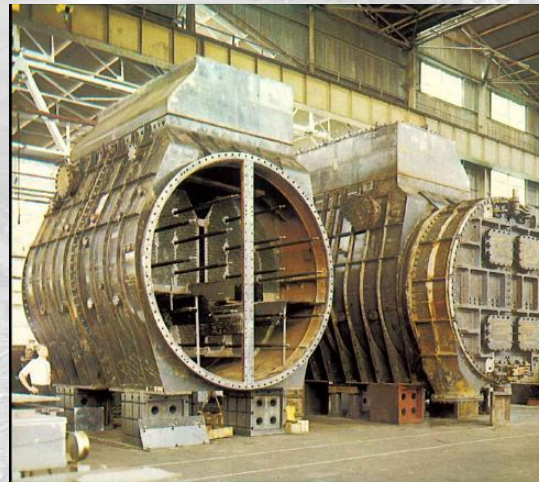


TARGETED SECTORS

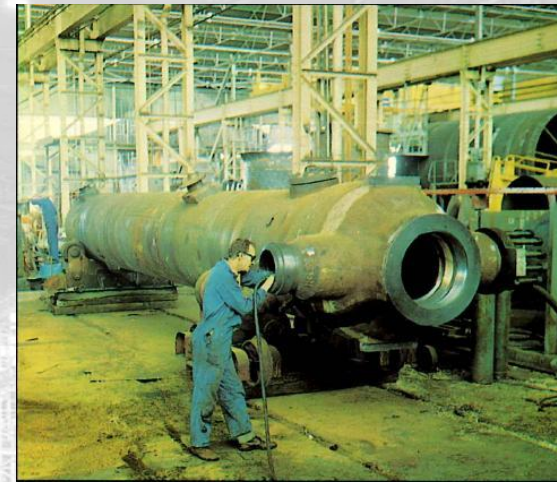
Oil and Gas
Petrochemical



Condensers



Heaters



Heat Exchangers



Storage Vessels



TARGETED SECTORS

Materials Handling

Shovel Buckets



Reclaimer Drums



Bucket Wheel Reclaimer Parts



Dragline Parts



TARGETED SECTORS

Heavy Industry

Cement Kilns & Driers



LP Casings



Steel Industry Components



Mill Stands



Rail Tippers



Straddle Carriers



OUR FACILITIES AND CAPABILITIES



FACILITIES

- Secure Workshops: 20,000m² under roof
- 200ton Lifting Capacity (Dual Lift)
- Overhead Cranes
 - 100/40ton
 - 100/50ton
 - 90/30ton
 - 50/10ton
 - 30/5ton
- Enclosed Sandblasting & Painting Bays
- Independent NDT capabilities
- Stress Relieving / Heat treatment Furnace – 8.3 x 6.3 x 12m
- Outside storage under hook
- On site Head Office and Management Team



OUR FACILITIES AND CAPABILITIES



FABRICATION

- Plate Rolling up to 260mm thick x 3500mm width
- SMAW tandem, twin-wire welding Booms (9m high)
- FCAW & GMAW
- SMAW & GTAW
- Rotators up to 300ton
- Manipulators up to 75ton



OUR FACILITIES AND CAPABILITIES



MACHINING

- **Horizontal Lathes:** Up to 8300mm diameter x 12m long
- **Vertical Boring Mills - Single Post:** 16m diam x 6.4m high x180ton, Full CNC
- **Vertical Boring Mills - Twin Post:** 8.5m diam x 5.5m high x120ton, Full CNC
- **Horizontal Milling:** Up to 15m travel x 5.5m high, Full CNC
- **Vertical & Horizontal Drilling:** 6m diam x 8m high, 50ton turntable
- **Assembly Pits:** Suitable for large gyratory crusher assembly and test running

K5's Farrel – One of the Worlds largest VBMs



TURNKEY SERVICES AND SITE WORKS

- Site establishment
- Disassembly of components incl site craneage
- Heavy Transport to and from site
- Refurbishment and re-machining of components to OEM specification
- Reinstallation of refurbished and/or replacement parts
- Re-commissioning Assistance
- Packaging for land and/ or sea transport



ACCREDITATIONS AND SAFETY

K5 Heavy Engineering operates in compliance with the following codes.

- ISO 9001:2015
- ISO 3834
- OSHAS 18001

Accreditation is underway on the above.





HEAVY ENGINEERING

World Leading Engineered Solutions

- Built on a 70 year Track record of DCD and Dorbyl
- Dynamic Leadership
- Retention of Critical DCD Skills
- Servicing Niche Engineering Markets
- Proud Association with Level 1 BBEE Contributor
- Delivering World Class Quality Products, Delivered on Time at Competitive Pricing

Meticulous planning

Constant perseverance

Absolute perfection

And most importantly, unequivocal Team work

At K5 Heavy Engineering, we strive to instill these qualities in our staff members in every product that we manufacture and deliver. Reaching the pinnacle in engineering takes a similar attitude embodied by those professionals attempting to summit one of the most challenging mountains in the world – K5.





HEAVY ENGINEERING
World Leading Engineered Solutions

CONTACT DETAILS

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