



HEAVY ENGINEERING

World Leading Engineered Solutions

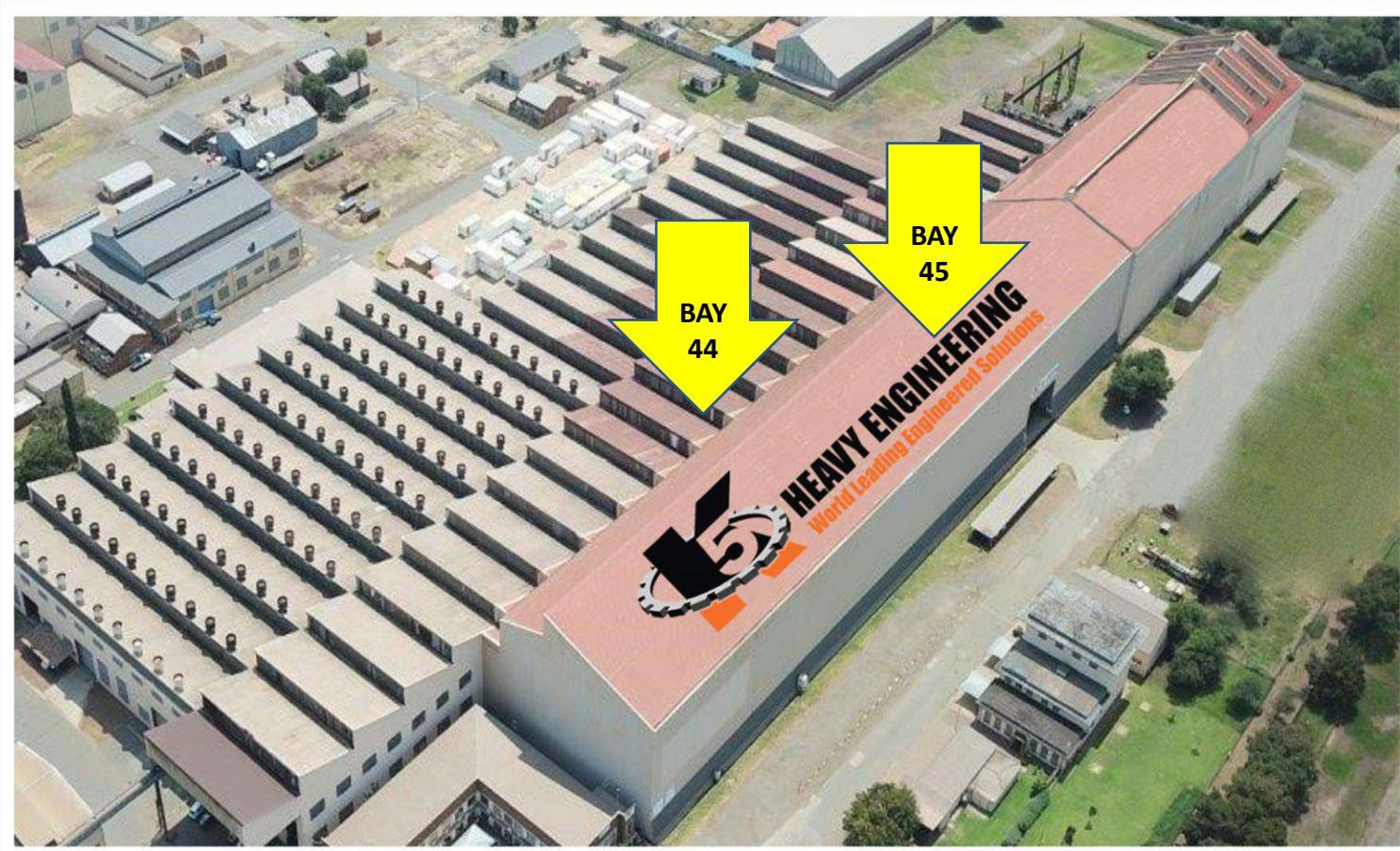
OUR FACILITIES

- Secure Workshops: 20,000 m² under roof
- 200 ton Lifting Capacity (Dual Lift) 18m Under Hook
- Machining Capacity up to 16m diameter
- Enclosed Sandblasting & Painting Bays on site

- 3 Stress Relieving Furnaces on site
- Outside storage Facilities

Quality:

- ISO 9001:2015 certified by TÜV Rheinland SA
- ISO 3834-2 certified by SAIW (IIW)



Management System
ISO 9001:2015



www.tuv.com
ID 9108644953



ISO 3834:2



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SERVICES

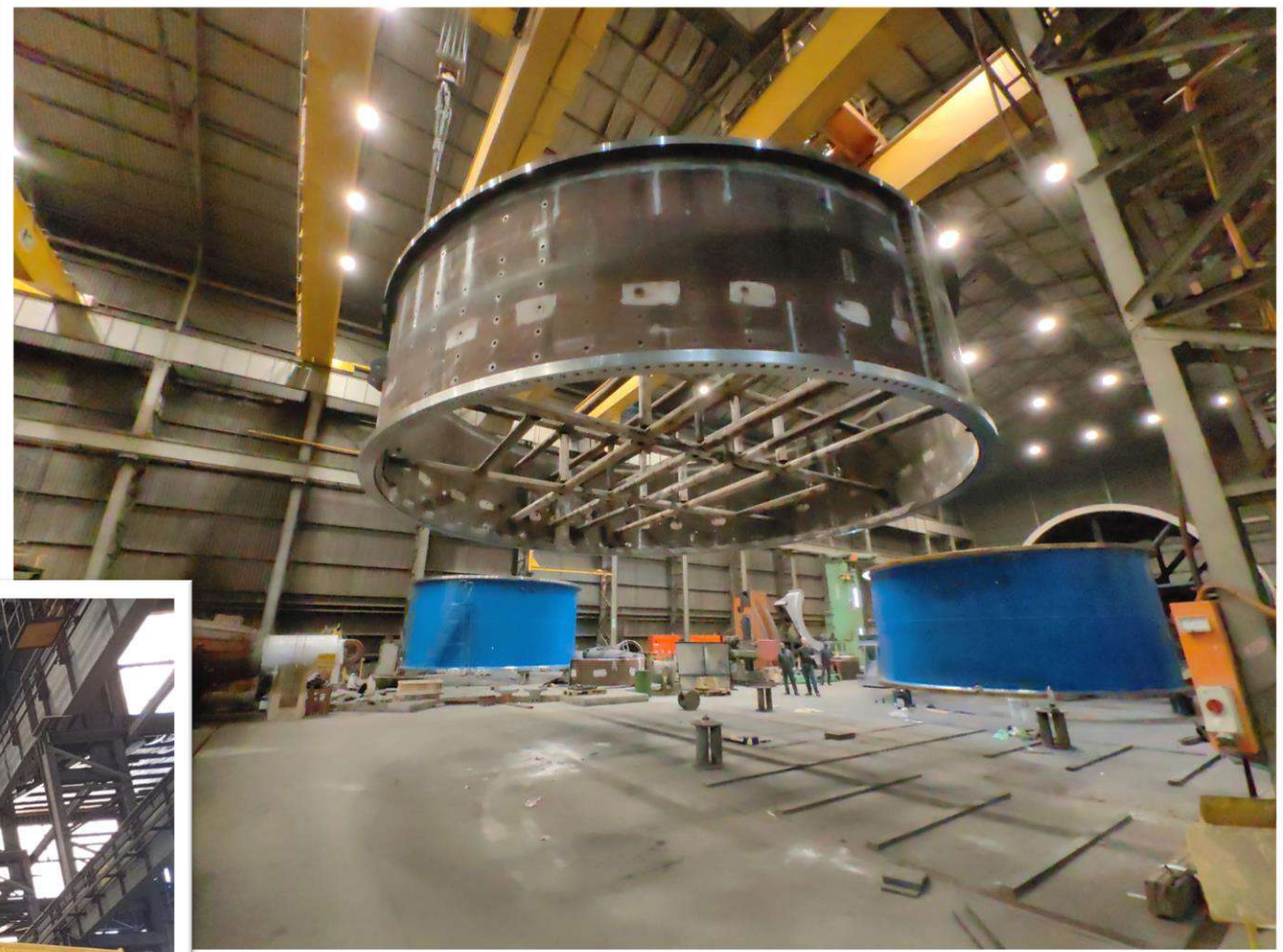
- **From Quotations phase to Delivery Including:**
- Estimating
- Buying
- Heavy Engineering
- Fabrication (Incl. Light, Medium and Heavy)
- Machining
- Stress Relieving
- Sandblast and painting
- Rubber lining
- NDT
- QA/QC



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LIFTING CAPABILITIES

- 200 ton Lifting Capacity (Dual Lift)
18m Under Hook



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FABRICATION

- Rotators up to 500 ton
- Manipulators up to 40 tons
- Twin Wire S/Arc Welding Booms (13m)



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STRESS RELIEVING

- 3x Stress Relieving Furnaces on site



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MACHINING

VERTICAL BORING MILLS

FARREL

Single post: 15.5m diam x 6.4m high
180ton (Full CNC)

BETTS

Twin post: 9.75m diam x 5m high
150ton (Full CNC)



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MACHINING

HORIZONTAL BORING MILLS

INNSE, INGERSOL, INNOCENTI

13m travel x 5.4m high (Full CNC)



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MACHINING

JUMBO LATHE

8500mm Swing x 16 000mm

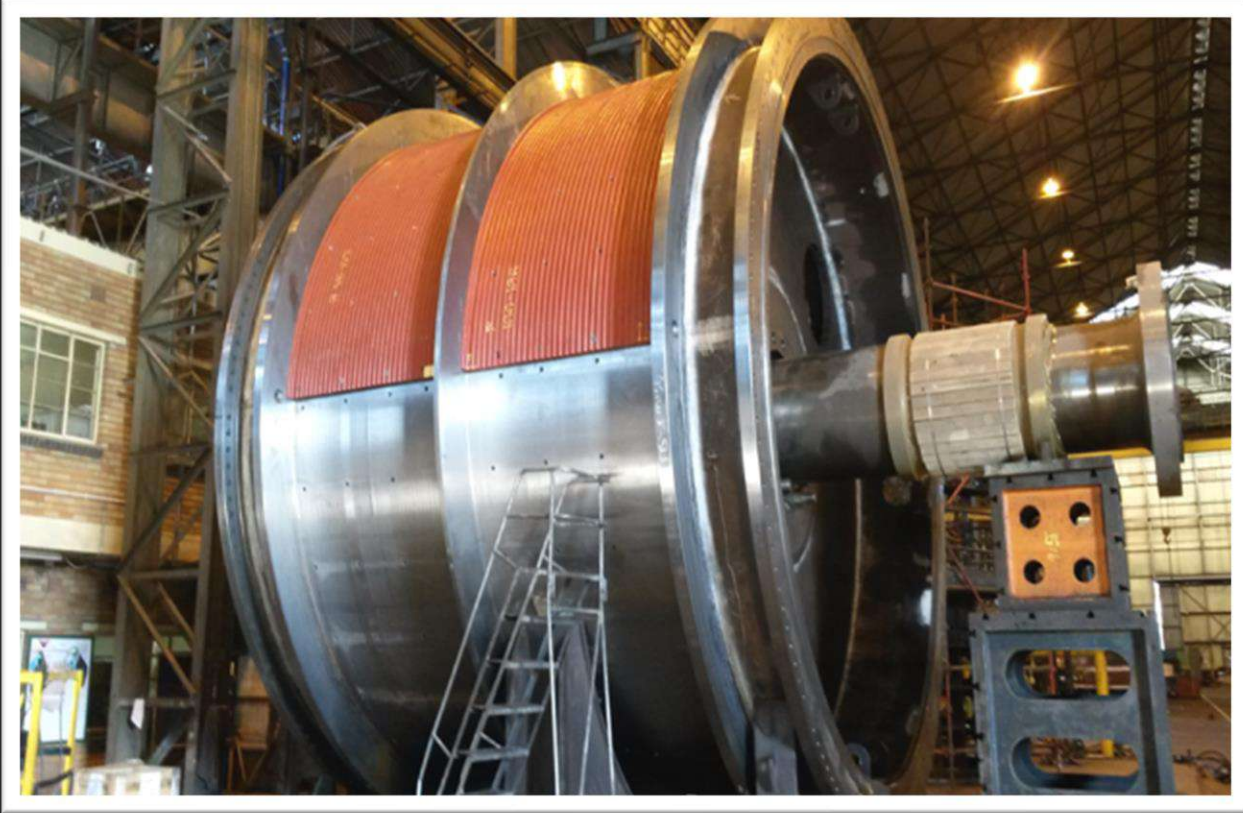
150ton



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TRIAL ASSEMBLY

WINDERS

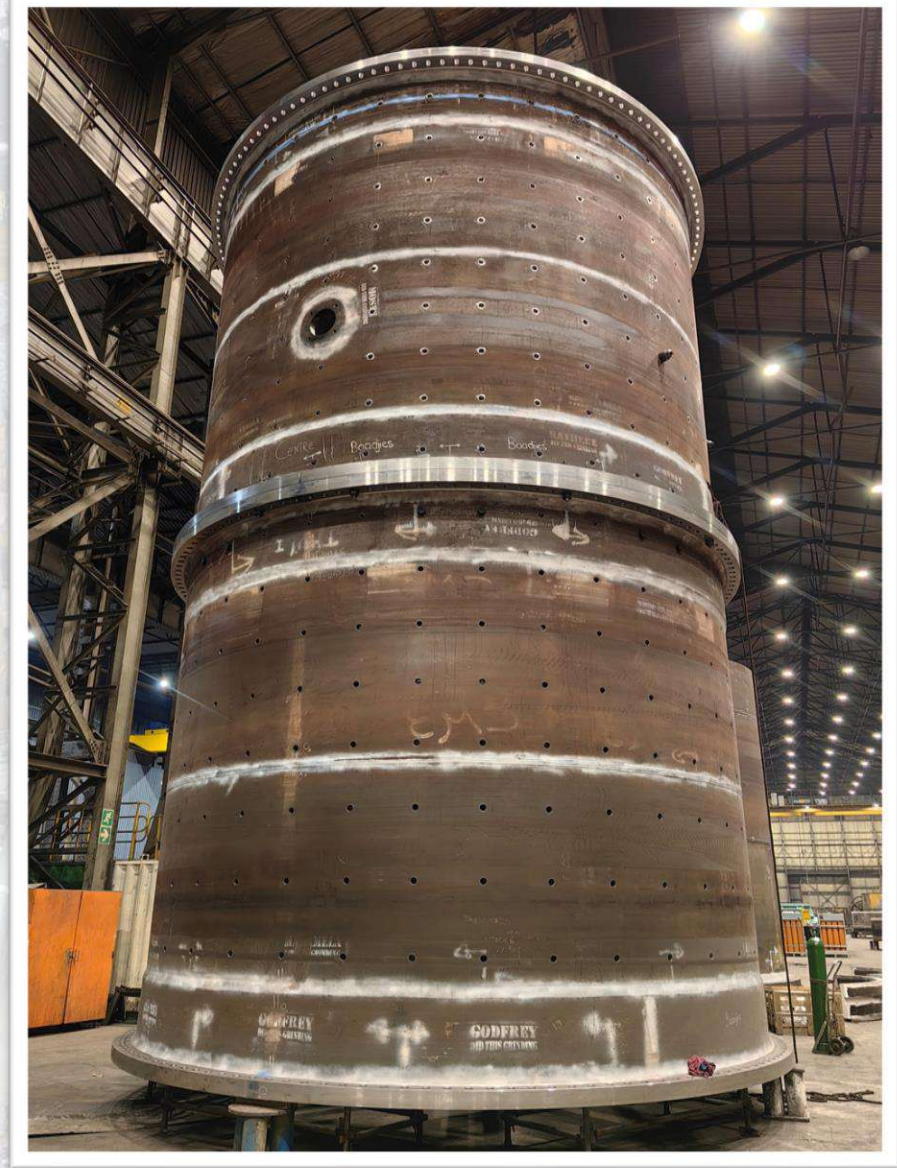


GYRATORY CRUSHER



TRIAL ASSEMBLY

MILL SHELLS



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FLAGSHIP PROJECTS – WINDER DRUMS



South Deep Winder – World's Largest Mechanically Coupled Blair Multi-rope Winder



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FLAGSHIP PROJECTS – MILL SHELLS



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38ft Mill Shell - Largest Mill manufactured in Africa

PREVIOUS COMPONENTS

MANUFACTURE EXPERIENCE :

1. WINDER DRUMS
 - Drum Cheeks
 - Clutch Assemblies
 - Bedplates
 - Brake Stands
2. MILL SHELLS
3. MILL SPARES
 - Trunnions
 - Heads
 - Bearings
 - Base plates
4. KILN SHELLS
 - Riding rings and supporting rollers
5. GYROTORY CRUSHERS (Incl. components)
 - Main shaft, Spider arms
 - Assembly and Testing
6. TROMMEL SCREENS
7. SCRUBBER DRUMS
8. FURNACE SHELLS
9. LADLES
10. SCRAP LOADING BINS
11. EARTHMOVING EQUIPMENT (Incl. spares)
 - Buckets, Shovels, Car bodies



PREVIOUS PROJECTS – EARTHMOVING EQUIPMENT



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PREVIOUS PROJECTS – EARTHMOVING EQUIPMENT



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PREVIOUS PROJECTS – OTHER EQUIPMENT



Ladle



Mill Shells and Trunnions



Dragline drum



Bucket Wheel Frame



Girth Gear

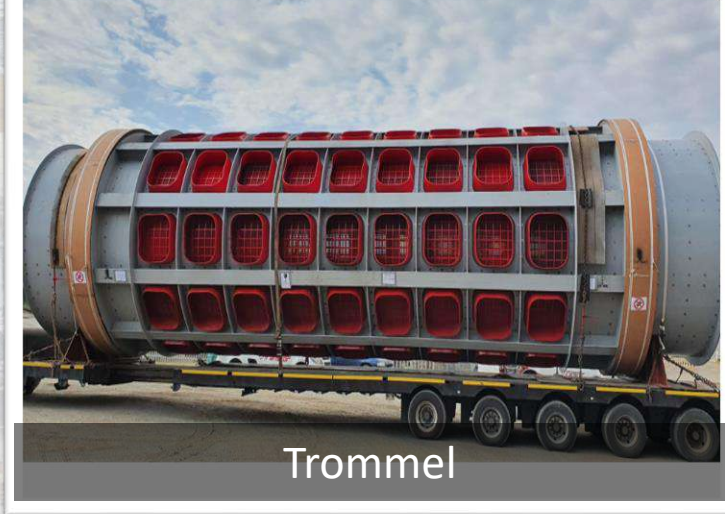


Converters



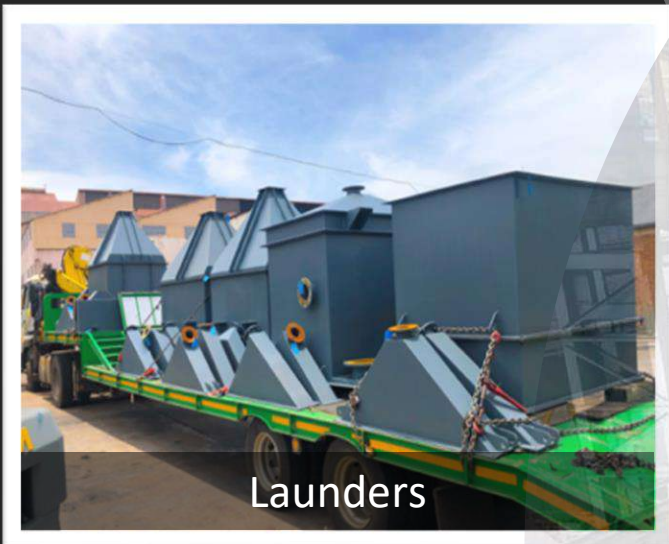
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PREVIOUS PROJECTS – OTHER EQUIPMENT



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PREVIOUS PROJECTS – LIGHT TO MEDIUM COMPONENTS



Laundries



Structural Steel



Vessel Junctions (316 SS)



Vacuum Vessel (316 SS)



Sumps



Evapor. Heater (Inner section)



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K5'S WHITE WALL POLICY



- Confidentiality is key, dealing mainly with OEM Companies
- Official K5 Policy endorsed and signed by K5's CEO and MD
- No reference to clients on Floor only referring to a Project no.
- Access control to Sales and Projects Offices
- All visitors to be accompanied by K5 personnel
- NDA's in place with clients
- Photos not permitted without prior approval by MD
- Strict Control adhered to on drawings issued to Workshop Floor

- *Copy of K5's WHITE WALL POLICY can be made available on request*

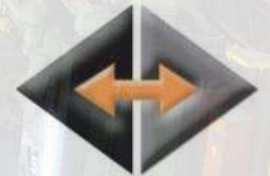


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KEY CUSTOMERS

- FLSmidth
- ABB
- ThyssenKrupp
- New Concept Projects
- MTT
- CONYMET Duratray
- Arcelor Mittal
- Tugela Mining & Minerals
- Weir Esco
- CAT
- Columbus
- Winder Controls
- IMS Engineering
- Komatsu
- Various other smaller entities

K5 Heavy Engineering is mainly dealing with OEM companies and believe in growing our business via OEM clientele as partners.



TUGELA



CONTACT US

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<https://www.youtube.com/watch?v=sk1DaK6F7eo>



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