



**leethabo**<sup>®</sup>  
Infinte Solutions Partner

Pioneering Smarter, Safer, Sustainable  
Mining in Africa.



# Who we've become

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We are an engineering and consulting company pioneering the **integration of technology**, innovation, and artificial intelligence into mining and industrial operations.

Established in 2019, we combine deep mining expertise with next-generation digital solutions to transform how the sector operates.

From mechanical and structural engineering to renewable energy systems and AI-driven optimisation, we engineer smarter, safer, and more sustainable operations for the future of mining in South Africa and beyond.

# What we do

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We've delivered integrated engineering and technology solutions optimising performance in mining, industrial operations, and renewable energy systems. Our expertise combine proven engineering with digital innovation, creating smarter, safer, and more sustainable operations.



Smart  
Mechanical  
Engineering



Structural &  
Industrial  
Solutions



Technology &  
Consulting



Renewable  
Energy &  
Sustainability



# How we can partner

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We have a track record and a capable team in keeping critical mining and industrial equipment running at peak efficiency through advanced, technology-enabled solutions.

## Smart Mechanical Engineering

- Intelligent conveyor belt repair & installation
- Predictive maintenance for earth-moving machinery
- Auto-electrical diagnostics & AI-powered fault detection
- Rapid-response mechanical repair teams
- Fleet maintenance systems for reduced downtime

## Structural & Industrial Solutions

- Fabrication & welding of structural steel
- Crusher & chute refurbishment with wear monitoring
- Line boring & machining services
- Rubber lining & surface protection
- Non-destructive testing & digital scanning for quality assurance

## Technology & Consulting

- AI-driven fleet management and performance tracking
- Digital mine rehabilitation planning
- Waste management and sustainability consulting
- Electrical gap analysis & smart electrification systems

## Renewable Energy & Sustainability

- Solar energy design, installation & optimisation
- Energy efficiency consulting
- Mine rehabilitation and waste-to-value solutions



# Why you should Partner with us

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We combine proven mining expertise with cutting-edge technology to deliver smarter, safer, and more efficient operations.

With a healthy track record working alongside leading South African mining companies, including partnerships stemming from Anglo American, Engie Renewable Energy, Shandis Engineering, Bhayi Technologies we have the experience, reliability, and innovative approach to drive tangible results for your business.



# Connect with us

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