



COMPANY PROFILE

SNATCH MINING INDUSTRIES (PTY) LTD



071 109 4018



logistics@snatchmining.co.za



Plot F52, Brits, North West, 0250



2024/512958/07



Introduction

Snatch Mining Industries (Pty) Ltd (SMI) operates within the mining sector with a clear strategy to deliver measurable results and drive meaningful impact across the industry. We have strategically headhunted and employed individuals with the necessary skills and experience to achieve our goals and objectives. Additionally, we have acquired licenses for patented products that form part of our portfolio.

At SMI, we understand that success in the mining sector requires more than just products—it demands expertise, innovation, and a deep commitment to safety and efficiency. Our team is dedicated to providing tailored solutions that not only enhance productivity but also align with industry regulations and best practices. This includes both mechanical and electrical scopes, such as panel building, on-site installations, system integration, and compliance with mining electrical standards.

By continuously refining our offerings and adapting to the evolving needs of the sector, we ensure that our clients receive the most effective and reliable solutions available.

Harnessing Maximum Productivity

Snatch Mining Industries (Pty) Ltd (SMI) delivers integrated solutions across mechanical and electrical scopes. In collaboration with our sister company, we manufacture and implement every product in our portfolio to ensure seamless delivery and operational efficiency.

Our approach focuses on:

- Meeting client expectations (the mines);
- Applying products effectively to maximise on-site productivity.

Our electrical scope includes panel building, installations, system integration, and compliance with mining and electrical standards. Covering both hardware and electrical functionality, we ensure reliable performance in real conditions.

From product development to supply, manufacturing, installation, and implementation, SMI supports your operation end-to-end—helping you achieve your performance targets and milestones.



Safety Within the Mining Sector

At Snatch Mining Industries, safety is our top priority in all electrical installations, power solutions, and energy distribution systems—especially in high-risk mining environments.

We design, install, and maintain every electrical product with a Safety First approach, meeting the highest industry standards to minimize risk while maximizing efficiency and reliability.

To mitigate electrical hazards in mining, we focus on:

- Safe handling and installation of equipment
- Preventative maintenance to reduce failures and downtime
- Emergency-ready systems built for harsh conditions
- Strict compliance with mining safety regulations and best practices

Safety is fundamental to our operations. We take pride in delivering electrical solutions that combine effectiveness with uncompromising safety, ensuring compliance and peace of mind for our clients.



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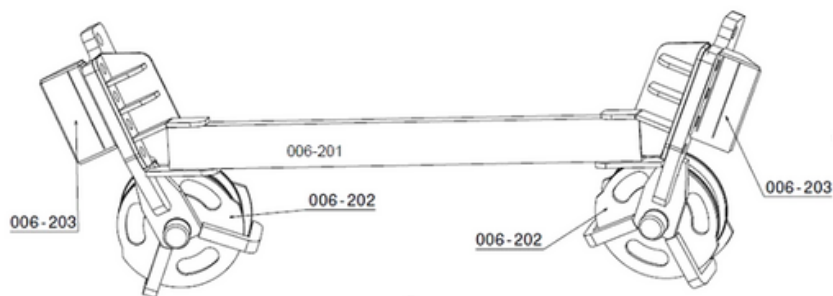
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Our Mechanical Products & Services

SMI SCRAPING SYSTEM

TAKING A SCRAPER AROUND A CORNER



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Benefits

- **Ledging:**

- With the Wondersnatch system, normal production levels can now be achieved during ledging. The panel and gulley can be cleaned as effectively as if a face and gulley winch were installed, enabling the scraper to maneuver through all necessary corners to clean the panel. This allows gulleys to be established from the first blast in ledging, ensuring and maintaining optimal pack support standards both above and below the gulley.

- **Board & Pillar:**

- The Wondersnatch system is highly effective in Board & Pillar mining, where conditions typically do not allow for a winch per panel. By enabling the cleaning of multiple panels with a single winch, the system significantly improves efficiency, particularly in pulling broken ore around corners.

- **Slusher Gulleys:**

- Slusher gulleys, which require multiple winches to move broken ore into the tip due to numerous corners, can now be optimized. The Wondersnatch system reduces the need for multiple winches, delivering significant cost and efficiency benefits.

- **Pillar Mining:**

- The Wondersnatch system significantly improves efficiency in pillar mining by replacing multiple winches, facilitating better access to the pillar for broken ore removal.

Benefits

- **Finger Raises:**

- Although traditionally easy to clean, finger raises often accumulate broken ore in the back areas due to challenges in maneuvering around corners to reach the tips. This accumulation obstructs the movement of personnel and materials, while lower stopping widths cause the scraper to interfere with ventilation pipes and air and water services, leading to suboptimal conditions. The Wondersnatch system effectively navigates corners, eliminating these issues.

- **Panel Cleaning:**

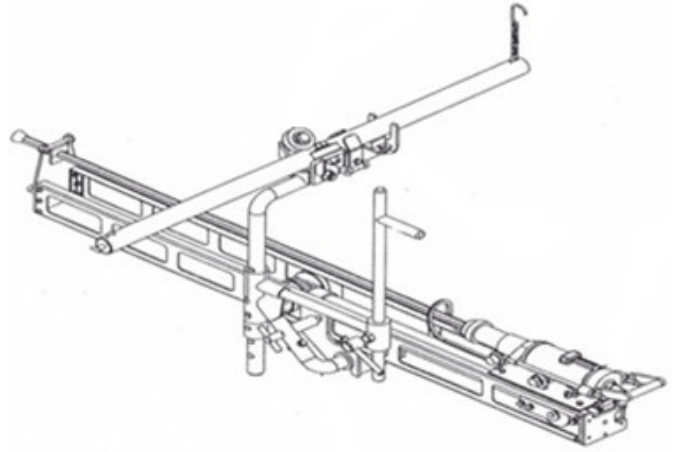
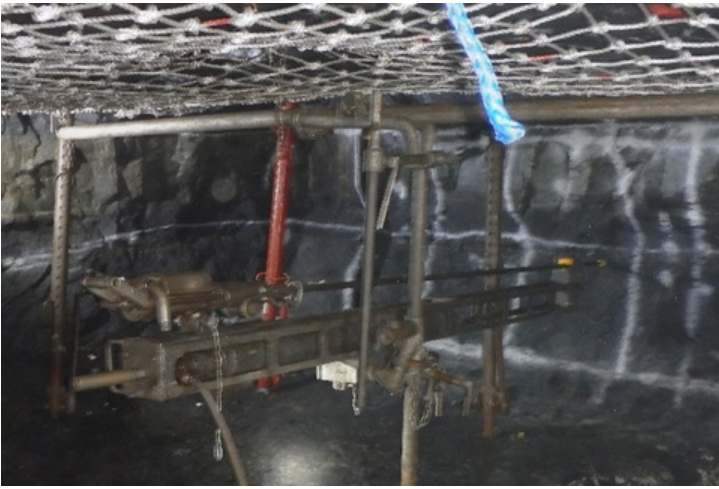
- In cases where face winches have yet to be installed or are temporarily out of service, the Wondersnatch system minimizes production losses by reducing installation time. Installing or replacing a face winch is typically a time-consuming process, but with the Wondersnatch system, the face can be efficiently cleaned, leaving a ready panel for the next shift's face preparation.

- **Overrun of the Scraper in Face Cleaning:**

- In conventional cleaning, gulley overrun is crucial but often not maintained, making face cleaning inefficient. The Wondersnatch system enables the scraper to navigate the panel's toe, eliminating reliance on gulley overrun and enhancing efficiency.



Drill Jig



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Benefits

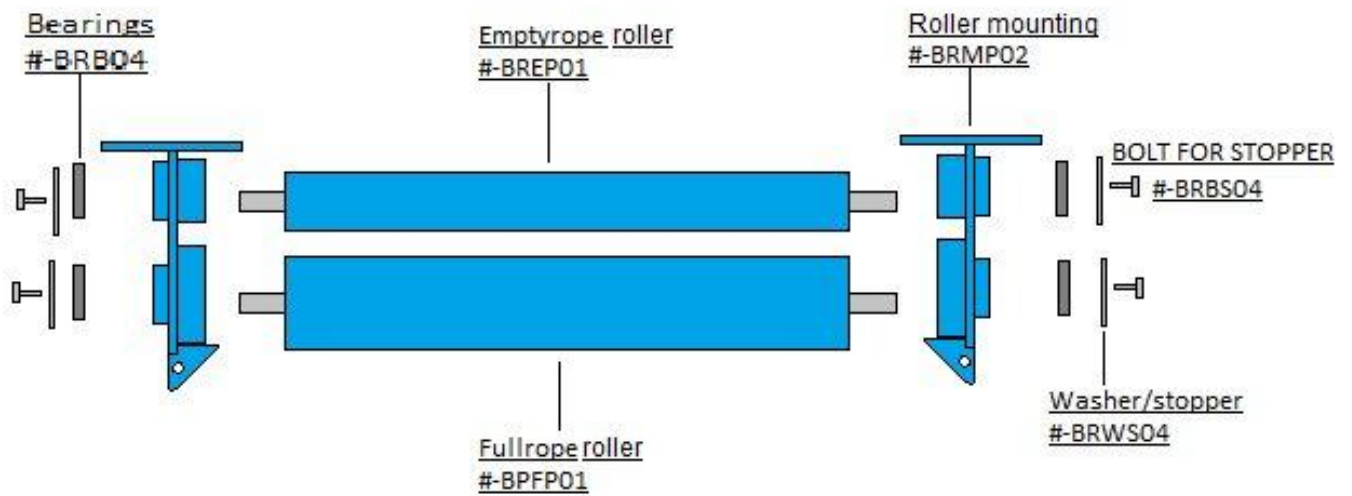
- Creates a safer and more stable working area
- Smooth hanging and side wall, proper face advance, and fragmentation control through direction and burden control
- Monorail system is suspended from roof bolts/eye bolts, ensuring the Jig cannot operate without support (no shortcuts on support)
- Lower than rigs, reducing equipment height requirements
- Less impact from equipment breakdowns compared to rigs
- Easy installation and assembly, reducing physical strain on operators
- Improves operator energy levels and enhances psychological awareness
- Remote drilling (10m from the face) increases safety in unstable areas, including bad hanging walls, dome slips, faults, dykes, methane pockets, fissures, and difficult holing examination zones
- Increases efficiency, enabling more panels to be drilled with the same workforce – fewer employees required at the face
- Inline thrust technology allows faster drilling per hole, effortless extraction, and earlier task completion
- Capable of replacing trackless/semi-trackless rigs, improving face advance per blast
- Highly cost-effective and compatible with any hand drilling machine
- Current workforce will be trained and qualified as Jig operators during the contract period

Specifications

- Underground mining relies on safe, efficient operations. Modern mining demands reliable, effortless rock-breaking methods. Pneumatic drill jigs improve drilling accuracy, ensuring better rock breakage and lasting benefits.
- Assembled width: 0.4m,
- Assembled length: 2.6m (Development), 1.6m (Stoping)
- Assembled height: 0.6m – 3.5m
- Mass:
 - 35kg (Boom)
 - 25kg (Cradle)
 - 7kg (Mono rail)
- Length Mono rail: 3m/6m
- Minimum Operating width required: 0.75m
- Installation distance of eye bolt: Site specific
- Handling and moving method: On face by hand
- Stacking: Stack in safe place away from moving rock and material.
- Operates with all pneumatic machines.
- Jumper size: Site specific.
- Jumper length: Depending on desired length of hole (2.6m).
- Drilling times:
 - 1.5m (2 minutes)
 - 2.6m (3.20 minutes)
- Hard rock extracting time: 15 seconds from extracting to collar of next shot hole.
- Air pressure required for operating: 3 – 7 bar



Brow Pulley



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Benefits

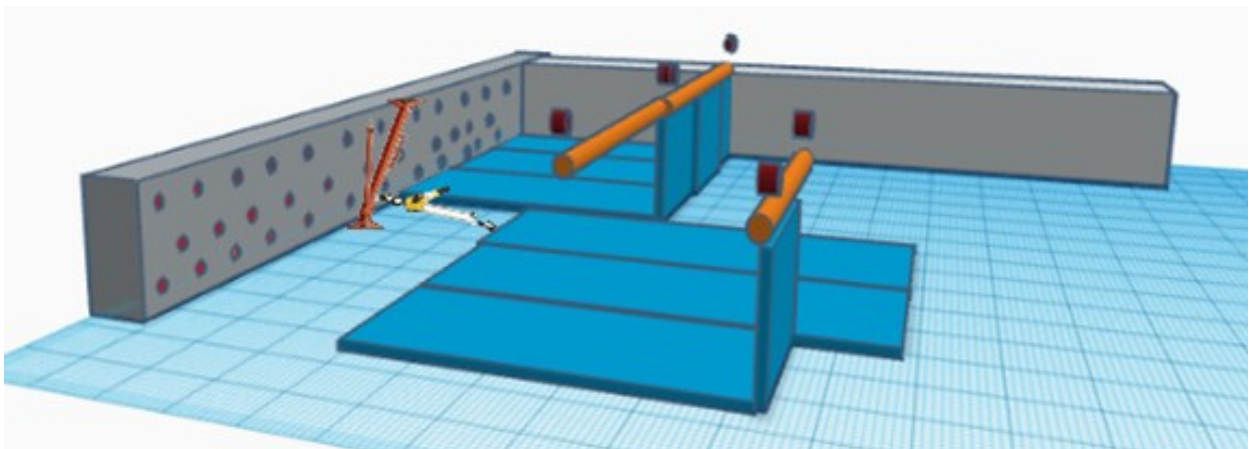
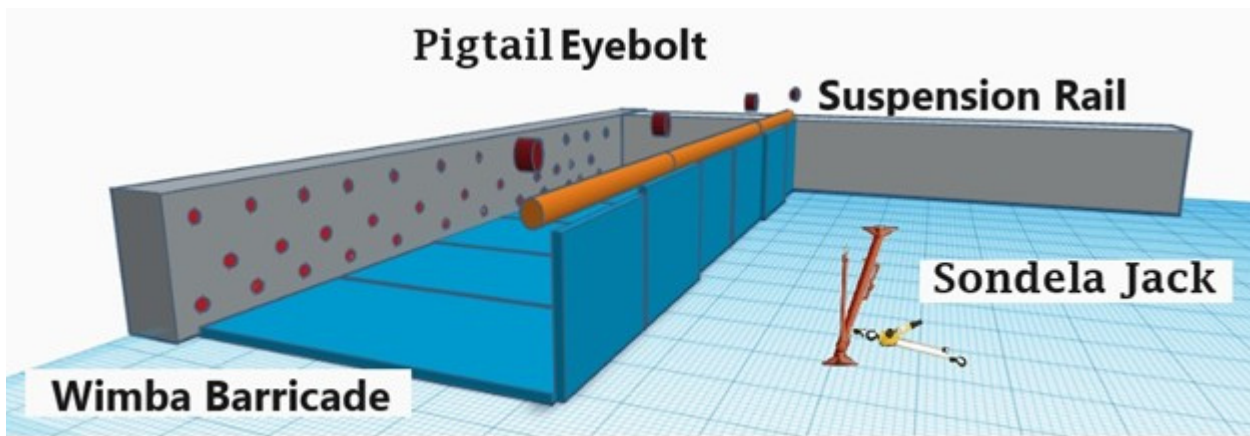
- The Brow Pulley addresses the ever-increasing costs involved with the replacement of damaged and worn scraper ropes due to friction against the hanging wall in areas where brows occur.
- The product assists in saving costs by prolonging the lifespan of scraper ropes and is useful for Raises, Centre Gullies, and strike ASGs.
- Reduces costs by prolonging the lifespan of scraper ropes.
- Prevents damage and wear caused by friction against the hanging wall.
- Ideal for use in Raises, Centre Gullies, and strike ASGs.
- Ensures scraper ropes run smoothly, reducing maintenance and downtime.
- Enhances safety by minimizing rope breakages and related hazards.

Specifications

- Construction:
 - Two rollers with shafts mounted in enclosed roller bearings for protection against dirt and moisture.
- Size Variations:
 - Available in different roller lengths to fit narrow and wider Raises or ASGs.
- Mounting System:
 - Secured to the hanging wall using three eyebolts per side for stability.
- Installation:
 - Conducted by the manufacturer to ensure safety. Requires six drilled eyebolt holes per side – three for lifting gear, three for suspension.
 - Supervised by competent personnel and signed off by Engineering staff.
 - Mine personnel mark hole positions, and the area must be declared safe before installation.
- Operation:
 - The full scraper rope runs below the bottom roller.
 - The empty scraper rope runs between the top and bottom rollers.
- Maintenance:
 - Daily inspections added to winch operator checklists. Supervisors report defects and wear to the supplier for necessary repairs.



Wimba Blasting Barricade



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Benefits

- A blast is not lost to catch up on sweeping before measuring day.
- The Wimba Blasting Barricade not only prevents back areas from being re-contaminated but also keeps the swept footwall clean according to mine standards.
- If all broken ore has been removed after the blast (as per mine standards), the Wimba belt can be moved forward manually.
- If there is broken ore on top of the Wimba Barricade for any reason, the belt can be advanced using the Sondela Jack.
- The Wimba Blasting Barricade is highly durable, user-friendly, and effective.
- No mine poles or sticks are needed for installation.
- The Wimba Blasting Barricade creates a smooth footwall, facilitating the quick and efficient removal of broken ore.
- The smooth surface created by the Wimba Blasting Barricade further enhances the effectiveness of a sweeping tool.
- No winch is required to move the barricade forward.

Specifications

- A 3m x 60mm interlocking Suspension Rail is suspended from the hanging wall across the width of the panel, positioned 4m from the face on Pigtail eyebolts, which are drilled daily during the installation of in-stope roof bolting.
- A 1.5m wide, 6m long conveyor belt is attached to the Suspension Rail (skin to skin) across the entire width of the panel.
- The conveyor belts overlap by 200mm from the up-dip side.
- Secured on the vertical side with three securing points, forming a solid wall.
- A specially designed "Sondela Jack" will be provided with a 3-ton Lever Hoist to pull each conveyor up to the face after each blast. This is only required if the Blasting Barricade is weighed down by broken ore. If the panel has been cleaned to standard, the Wimba Blasting Barricade can be moved forward manually.
- The Suspension Rail and Wimba Blasting Barricade will be advanced daily in accordance with mine standards.
- A skill that can be integrated into the current cleaning crew's job responsibilities.



Our Value Addition

- **Experience** – Backed by extensive expertise in the electrical and mining industries, delivering proven power solutions.
- **Expertise** – Our team consists of highly skilled engineers and technicians, ensuring precision and efficiency in every project.
- **Quality** – We use only the highest quality materials and workmanship, guaranteeing long-lasting and reliable solutions.
- **Safety** – We adhere to strict safety protocols, ensuring compliance with industry standards and risk-free operations.
- **Reliability** – With a proven track record of success, we deliver consistent, high-performance electrical solutions.
- **Trustworthiness** – We are a dependable and transparent partner, committed to delivering excellence and building long-term client relationships.

Conclusion

We are confident that our products stand out on their own, but it is the combination of these products with the experience and expertise of our dedicated team that creates a dynamic synergy for success. This partnership, alongside our commitment to inclusivity, will drive growth not only for our company but for all stakeholders involved. We firmly believe in the importance of **BEE (Black Economic Empowerment)** and the inclusion of **local communities**, ensuring that all parties benefit from the development and success of our projects.

Our focus on empowering local communities, especially in the Rustenburg area, and supporting **black-owned businesses** strengthens the foundation of our operations, creating opportunities for sustainable growth. By providing access to training, resources, and fair economic participation, we contribute to building a more inclusive and thriving mining sector.

Proudly South African, with endless possibilities for growth and shared success.