



COMPANY PROFILE

UNDERGROUND MINING PRODUCTS & CONTRACT MINING

Scraping System · Drill Jig · Roof Bolter · Blasting Barricade

Contract Mining · Manufacturing · Skills Transfer

Forging Solutions Underground

WHO WE ARE



“Forging Solutions Underground”

Snatch Mining Industries (Pty) Ltd operates within the South African mining sector with a clear strategy to deliver measurable results. We design, manufacture and install productivity-enhancing products for underground mining at any reef width, conventional or mechanised — principally chrome, platinum and gold, though not limited to those commodities — and, where the mine’s contracting model allows, we run the contract mining teams that use them.

We have strategically headhunted individuals with the skills and experience to achieve our objectives, and we hold licences for the patented products that form part of our portfolio. Success in this sector takes more than products. It takes expertise, innovation and a deep commitment to safety and efficiency, which is why our solutions are tailored rather than catalogued — and why they are installed on our clients’ shafts by our own people.

HARNESSING MAXIMUM PRODUCTIVITY

SMI is a true one-stop shop. We do not only supply equipment; we provide a complete turnkey package from concept and supply through manufacturing to full-scale implementation of every product in our portfolio. That approach is driven by two objectives: meeting the expectations of the mines we serve, and using our products in the most efficient way possible to enhance productivity, safety and operational reliability.

SAFETY IS THE FIRST DESIGN CONSTRAINT

Every product SMI builds is designed to remove an unsafe condition rather than warn against it. The Drill Jig hangs from installed support and cannot be operated where support has not been placed. Remote drilling keeps operators out of unstable ground. The Snatchblock lifts the scraper rope off the footwall, reducing the rope failures that cause snapback injuries. Safety is not a section at the back of this profile; it is the reason the products take the shape they do.

2024

YEAR FOUNDED

Brits, NW

HEAD OFFICE

2024/512958/07 4380322224

REGISTRATION NUMBER

VAT NUMBER



WE DO WHAT WE SAY

Every product here is built to return more than it costs. The spend comes first and the saving follows, and that judgement sits with the mine — so each one below is described by what it puts back on the panel, in figures an operation can weigh against its own.

SMI SCRAPING SYSTEM — ONE SYSTEM, THREE PARTS WORKING ON THE SAME ROPE RUN

Supplied with scraper attachments, sold in sets of two and fitted to the mine's existing scraper. Required whether one part of the system is used or all three.

01

CORNER PULLEY

One winch cleans multiple panels around 90° corners

Gulleys are established from the first blast in ledging, and production continues through the turn instead of stopping to clear the bottleneck.

02

BROW PULLEY

Avoids 40 minutes of tools-down time per shift, per winch

The rope stops wearing against the hanging wall, so it breaks less often — and air, water and electrical services stay intact.

03

DUAL ELEVATING SNATCHBLOCK

Tools-down time cut by at least 80%

The rope is carried clear of the footwall, so it lasts five to ten times longer and breaks far less often.

ADDITIONAL PRODUCTS

04

SMI DRILL JIG

More face advance per blast, with the same crew

A 1.5 m hole in 2 minutes, drilled to the same angle and burden every time.

05

SMI ROOF BOLTER

The operator is no longer under the drill

Remote drilling from a supported area, and the air leg holds the angle on every hole.

06

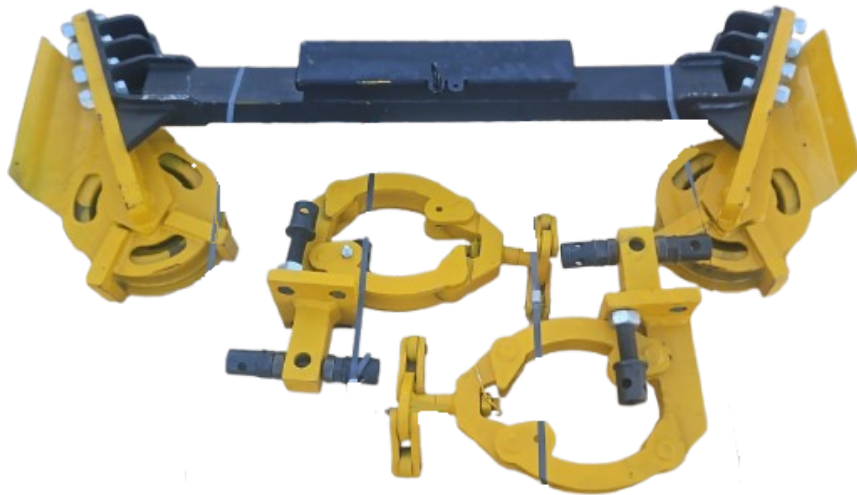
SMI BLASTING BARRICADE

Keeps the blast you lose to sweeping

Back areas stay clean, so catching up before measuring day does not cost a blast.

SMI SCRAPING SYSTEM | PART 1 OF 3

CORNER PULLEY



Gulleys from blast 1

One winch cleans multiple panels around 90° corners

Gulleys are established from the first blast in ledging, and production continues through the turn instead of stopping to clear the bottleneck.

UNDERGROUND APPLICATION

- 90° corners in ledging, board & pillar and pillar mining
- Slusher gulleys
- Gulley and ASG intersections
- Any layout where a winch per panel is not possible
- Finger raises

TRIALLED AND TESTED

Anglo American Platinum

Now Valterra Platinum. Approved for use. Proof of concept and production trial completed at Amandelbult, Tumela 16 West Shaft.

2016

Sibanye-Stillwater

Stock item

2018



WATCH IT RUNNING
ON OUR WEBSITE

www.snatchmining.com



CORNER PULLEY

THE PROBLEM — UNDERGROUND REALITY

- Material (“stof”) accumulates at 90° corners, because guiding the scraper through the turn is difficult.
- The build-up restricts scraper movement and damages gully services — air and water.
- Production eventually stops so the bottleneck can be cleared before normal operations resume.

THE SMI SOLUTION

The Corner Pulley provides controlled, stable guidance for scraper travel at 90° corners, so “stof” moves through the turn instead of collecting in it. The value of the avoided production downtime far exceeds the cost of the product, and the winch driver is relieved of repetitive, unproductive work.

BENEFITS

- **Ledging** — normal production maintained; panel and gully cleaned without multiple winches; gulleys established from the first blast; pack support standards held above and below the gully
- **Board & pillar** — effective where a winch per panel is not possible; multiple panels cleaned with one winch
- **Slusher gulleys** — fewer winches in corner-heavy layouts; better ore movement into the tip
- **Pillar mining** — better scraper access and cleaning reach into pillars
- **Finger raises** — clears back areas where corners restrict movement; less interference with ventilation, air and water at low stoping widths
- **Panel cleaning** — minimises production loss where face winches are unavailable or awaiting installation
- **Face cleaning** — removes dependence on gully overrun; the scraper navigates the panel toe directly

SPECIFICATIONS

SCRAPER ATTACHMENTS	Required. Sold in sets of two, fitted to the mine’s existing scraper — whether one part of the system is used or all three.
ASSEMBLY	Left- and right-hand snatch blocks on a 1 150 mm spreader beam, both swivelling in both directions. Integral toolbox.
SAFE WORKING LOAD	10 tonne, referenced to SANS 1819:2006 Edition 1.2
MASS	82.5 kg assembled — 33.9 kg per snatch block, 11.8 kg spreader beam
ASSEMBLED DIMENSIONS	1 150 mm overall; 1 030 mm between mounting pins

SHEAVE	Ø230 mm from solid EN8 bar, on two 7208 bearings per block
MATERIALS	S355JR plate; VRN400 abrasion-resistant arms; EN8 shafts and sheave stock
ROPE	Sized for Ø19 mm scraper rope
ENGINEERING	SB-GA-00 Rev 0, issued for fabrication 9 June 2025; signed off by a registered professional engineer 7 July 2025
TEST CERTIFICATION	CSIR destruction tests to SABS 1819:2006, certificates T14201–T14204. Specification minimum 400 kN; the four units carried 634.89, 672.85, 729.67 and 804.13 kN.

PATENT & DESIGN	DESIGN LIFE	SUGGESTED SPARES	IMPLEMENTATION
ZA 2016/01725 (D0309ZA) · ZA 2006/09906 (P0018ZA)	6 months · 3-month warranty	Defined spares set per system	1 month on site — see p.06



IMPLEMENTATION & SUPPORT

Every product comes with a month underground

Mining products fail on implementation far more often than they fail on engineering. SMI does not hand over a crate. We place a qualified instructor on the shaft for one month from installation, working your shifts alongside your crew. This applies to every product in this profile.

WEEK 1

Install and commission

Our instructor installs alongside your people, marks positions with mine personnel, confirms the area is declared safe, and obtains Engineering sign-off.

WEEKS 2 – 3

Train and qualify

Your existing workforce is trained and qualified as operators. No new headcount, and no dependency on SMI to run the equipment.

WEEK 4

Run to standard

The product runs on your shift patterns, at your production targets, with the daily inspection built into the checklists your supervisors already use.

HANDOVER

Support and spares

Defects and wear are reported to SMI through the same checklist. Our instructor remains available on site for the duration of the supply agreement.

The result is that the crew who will use the product every day were taught by the person who installed it — and the mine keeps the capability when we move to the next section.

WEAR, WARRANTY AND REPLACEMENT

Our products are consumables. They work in the hardest-worked part of the panel — the same environment that eats scraper rope, drill steel and picks — and they are priced and replaced on the same logic. Each unit carries a **three-month defect warranty** and a **six-month design life** in normal production conditions.

That is the argument, not the caveat. A mine replaces scraper rope several times over in six months, and loses shift hours to splicing every time. So the fair comparison is not a purchase price against a capital asset's life — it is our cost per month against the rope, the hours lost to splicing and the blasts the section is losing today.

We will do that calculation on your own numbers before you buy — your rope consumption, your splice times, your lost blasts — and if it does not come out in your favour, we will say so.



PROJECTS, CLIENTS & REFERENCES

Our mining division exists so that every product we sell has already been proven by our own crews, on a real contract, against a real production target.

SMI Scraping System

INVENTED AND MANUFACTURED BY SMI

A stock item at Sibanye-Stillwater and approved at Anglo American. Proof of concept and production trial completed. Sibanye-Stillwater stock item 2018; Anglo American (now Valterra Platinum) proof of concept 2016.

Lanxess Chrome Mines

DRILL JIG ROLLOUT, TWO SHAFTS

25 000 tons per shaft. A 25 000-ton contract held for two years as trial, demonstration, skills transfer and maintenance plan, establishing new standards and norms for the Drill Jig. 2015 – 2018

Glencore, Rustenburg

TWO 15 000-TON CONTRACTS

Executed using the SMI Drill Jig. 2017

Sibanye-Stillwater K6

15 000-TON CONTRACT

Contract managed by SMI, Rustenburg. 2018

Cooke 1# & 2#, Randfontein

PILLAR EXTRACTION

At a stoping width of 0.86 m with integrated roof bolting. 2009

Sibanye-Stillwater Kloof 1#

SUPER MINER CONSULTING

Mining triage system for training, auditing and reporting at miner level. 2014

CLIENTS

SIBANYE-STILLWATER

VALTERRA PLATINUM

GLENCORE

LANXESS CHROME
MINES

REFERENCE CONTACTS

The Amandelbult proof of concept was run under the Mine Overseer of Section 7-2 at Tumela 16 West Shaft, and the close-out was signed by the Section Engineer, the Production Manager and the General Manager of Tumela Mine, together with the Project Manager and Mining Engineer from New Mining Technology.

The signed close-out report is available on request. It sets out the measured results, what the trial found and what we changed as a result. We would rather hand you the mine's own document than ask you to take our word for it.

Named reference contacts are available on request. Mining is a mobile industry and the people who ran our trials have in many cases since moved shaft, mine group or company, so rather than print details that go out of date we will put you in touch with the right person for the contract you want to hear about — once we have confirmed they are contactable and willing to take the call.



CONTACT US

UNDERGROUND MINING PRODUCTS & CONTRACT MINING

071 109 4018 · logistics@snatchmining.co.za

Plot F52, Bokfontein, Brits, North West, 0250

Forging Solutions Underground