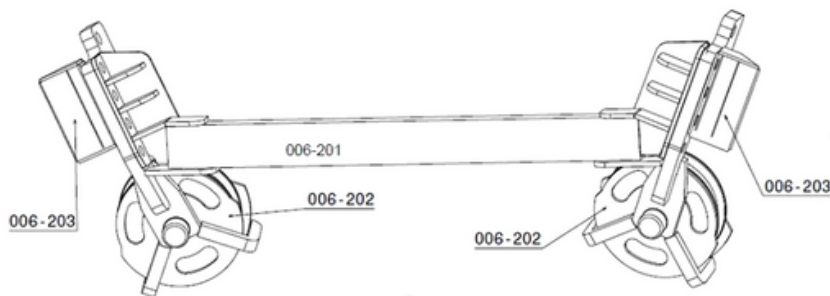




WONDERSNATCH SCRAPING SYSTEM

TAKING A SCRAPER AROUND A CORNER



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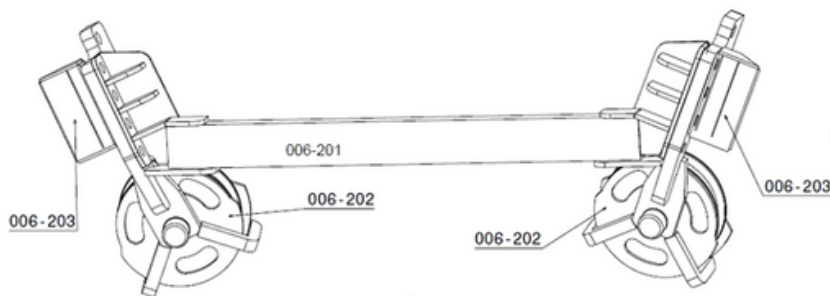


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Benefits

• 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 stoping 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.





Specifications

The WSS features a rectangular beam made of 60mm steel square bar, with two 200mm diameter snatching pulleys mounted at a 45° angle. The beam includes designated mounting points for attachment to the rig chain. Each pulley is typically secured with a 40mm tensile steel center bolt, while a spring-loaded elastic plate ensures the 16mm scraper rope remains in place.

- Assembled width: 0,5M
- Assembled length: 1,9M
- Assembled height: 0,26M
- Assembled mass: 120KG
- Load capacity: 40 ton
- Minimum operating width required: 1.3M Min
- Handling and moving method: On face by hand
- Stacking: Stack in safe place away from moving rock and material.

