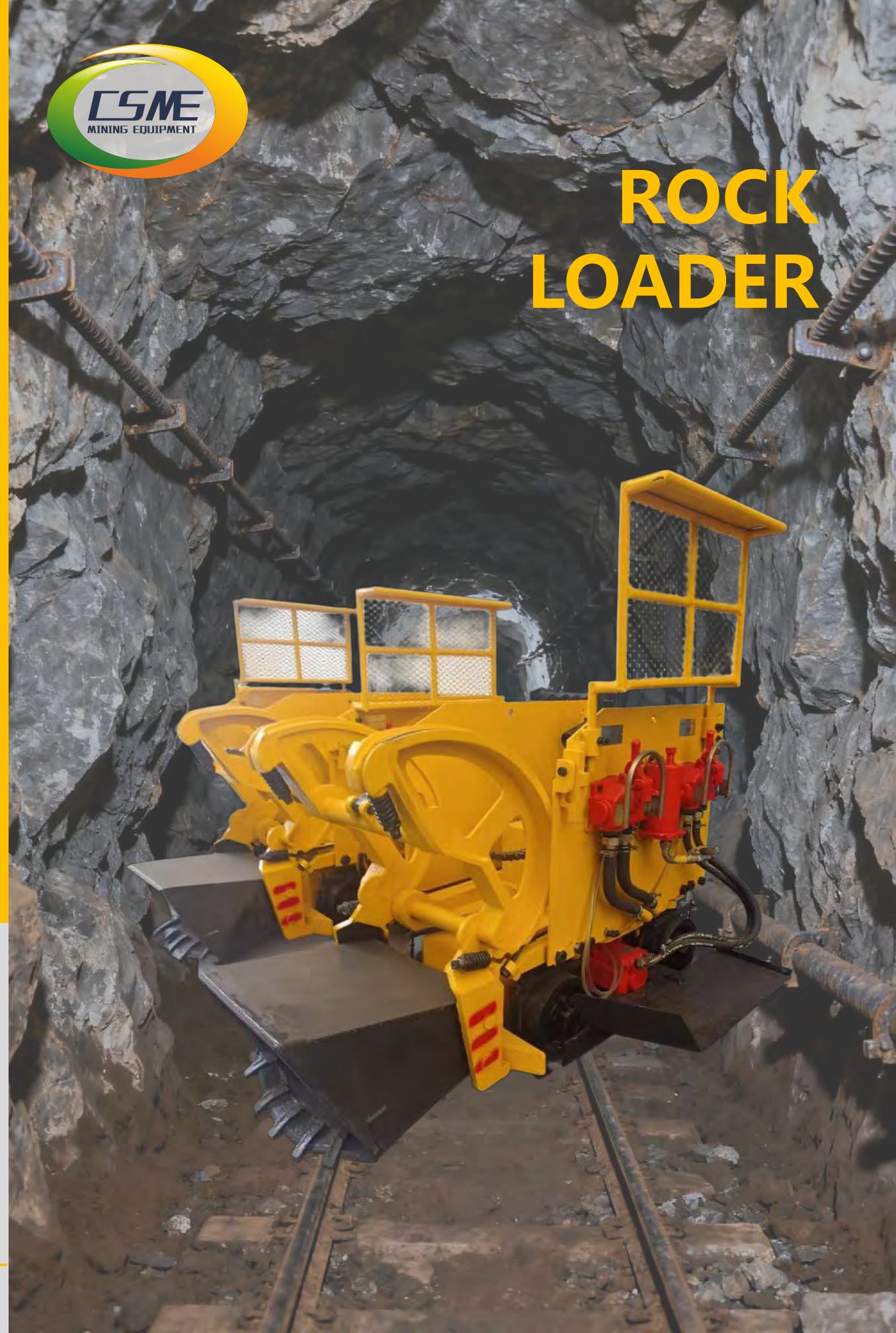




ROCK LOADER



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Changsha Mining Equipment Co., Ltd.

Your Trusted Partner in Global Mining Operations

For over a decade, Changsha Mining Equipment Co., Ltd. (CSME) has been a cornerstone of the mining industry, dedicated to engineering robust and efficient equipment that drives productivity and safety in mining operations worldwide.

Comprehensive Product Portfolio

CSME delivers integrated solutions across the entire mining chain, engineered for durability and peak performance in the most demanding conditions.

Haulage & Transportation: Underground dump trucks, scooptrams, and conveyor systems built for maximum payload and reliability.

Hoisting & Lifting: Mine hoists, winches, and elevators engineered for the safe and efficient vertical movement of personnel and materials.

Mineral Processing: Crushers, ball mills, and separators designed to optimize mineral recovery and processing efficiency.

Proven Global Credentials

Our equipment has earned the trust of clients in over 20 countries across Asia, Africa, the Americas, and Europe. From the copper belts of Africa to the terrains of South America, the CSME trademark is a globally recognized symbol of performance and resilience.

The CSME Assurance: Our Pillars of Strength

Our commitment is upheld by three core pillars that guarantee value from inquiry to operation:

Expert International Team: Navigating logistics and trade complexities to ensure a seamless procurement experience.

Rigorous Quality Control: Quality is our foundation. We enforce stringent inspections at every stage, from sourcing to assembly, because your trust depends on the reliability of our equipment.

Dedicated After-Sales Support: We provide end-to-end support, including installation supervision, operational training, and readily available spare parts to maximize your operational uptime.

Our Pledge

We partner with our clients to deliver the most operationally suitable and economically competitive solutions. At CSME, we survive on quality, and your trust is our motivation. We pledge to continue providing superior equipment and total mining solutions that empower your business for the future.

CONTENT

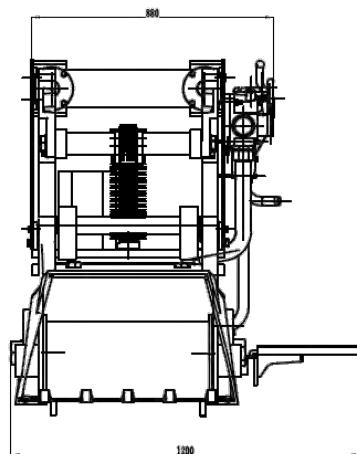
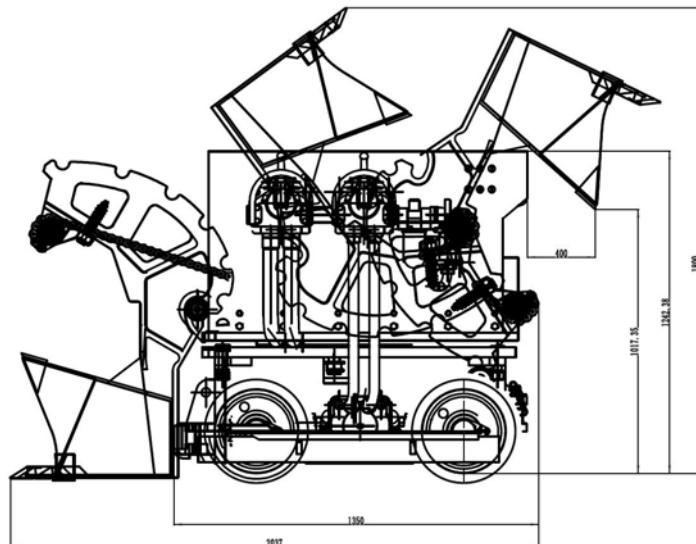
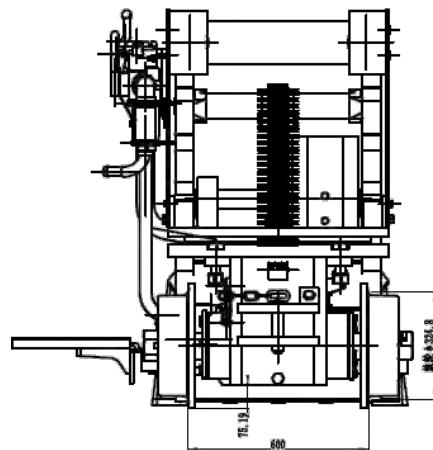
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ZQ-13 Steel Wheel Pneumatic Rock loader

Powerful. Efficient. Unstoppable.

Meet the ZQ-13, a robust and highly efficient solution engineered for the most demanding mining and tunneling environments. This powerful rock loader delivers exceptional performance, tackling heavy-duty material handling with remarkable speed and relentless force.

It is the embodiment of reliability and engineering excellence, designed to excel where others falter. The ZQ-13 ensures that your most challenging projects are completed on time, providing a seamless integration of power, precision, and endurance.



ZQ-13 Rock Loader Technical Specifications

No.	Parameter	Value	Unit
1	Total Length	2,037	mm
2	Main Body Length	1,350	mm
3	Machine Height	1,242	mm
4	Loading Height	1,800	mm
5	Unloading Height	1,017	mm
6	Unloading Length	400	mm
8	Machine Width (without footplate)	880	mm
9	Machine Width (with footplate)	1,200	mm
10	Loading Width	1,700	mm
11	Bucket Capacity	0	m ³
12	Loading Cycle	8	sec
13	Motor Power	12+15	kW
14	Air Consumption	205	cfm
15	Air Pressure Range	483-760	kpa
16	Air Hose Diameter	38-50	mm
17	Weight	2,200	kg

Designed for Superior Performance:

- **Unmatched Versatility:** Available in both rope and rope-less configurations to seamlessly adapt to your specific operational needs.
- **Exceptional Maneuverability:** Its compact and intelligent design ensures easy navigation and reliable operation in confined underground spaces.
- **Optimized Productivity:** Experience a smooth, continuous workflow that maximizes output and minimizes downtime.

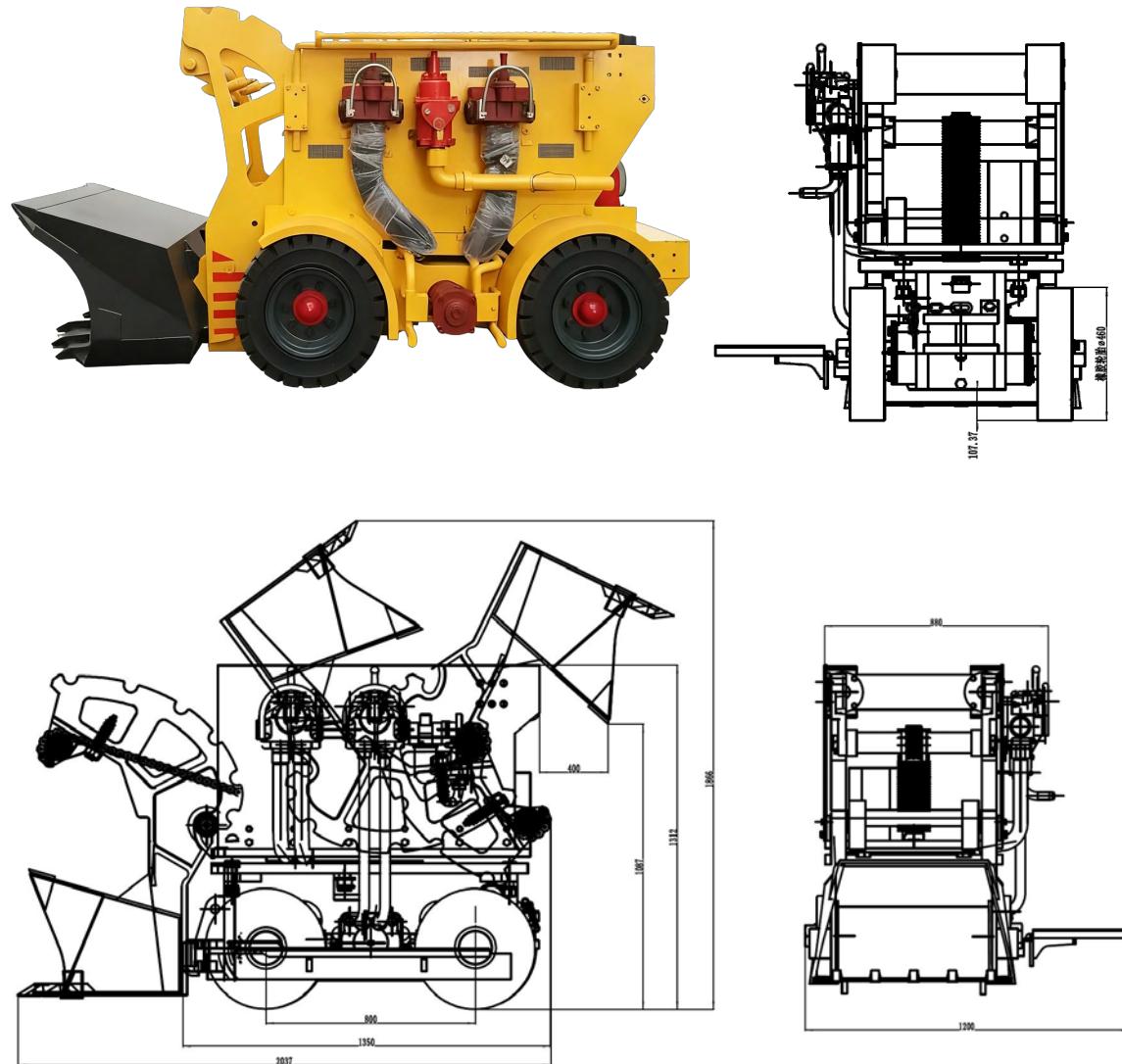
Built with superior durability for long-lasting service, the ZQ-13 is the indispensable and trustworthy partner for all your excavation tasks.

ZQ-13 Tire Pneumatic Rock loader

Built for the Toughest Terrains

Engineered to conquer the most challenging underground environments, the ZQ-13 Tire Pneumatic Rock Loader delivers robust performance and exceptional reliability. Its straightforward, non-steering tire design ensures remarkable stability and effortless operation, making it ideal for demanding mining and tunneling tasks.

This powerful loader tackles heavy-duty rock and debris with impressive speed and consistent force, streamlining your workflow for maximum productivity. Available in both rope and rope-less configurations, it adapts seamlessly to diverse operational needs while maintaining superior efficiency.



ZQ-13 Rock Loader Technical Specifications

No.	Parameter	Value	Unit
1	Total Length	2,037	mm
2	Main Body Length	1,350	mm
3	Machine Height	1,312	mm
4	Loading Height	1,866	mm
5	Unloading Height	1,087	mm
6	Unloading Length	400	mm
8	Machine Width (without footplate)	880	mm
9	Machine Width (with footplate)	1,200	mm
10	Loading Width	1,700	mm
11	Bucket Capacity	0	m ³
12	Loading Cycle	8	sec
13	Motor Power	12+15	kW
14	Air Consumption	205	cfm
15	Air Pressure Range	483-760	kPa
16	Air Hose Diameter	38-50	mm
17	Weight	2,200	kg
18	Tire Diameter	460	mm
19	Ground Clearance	107	mm

Key Features:

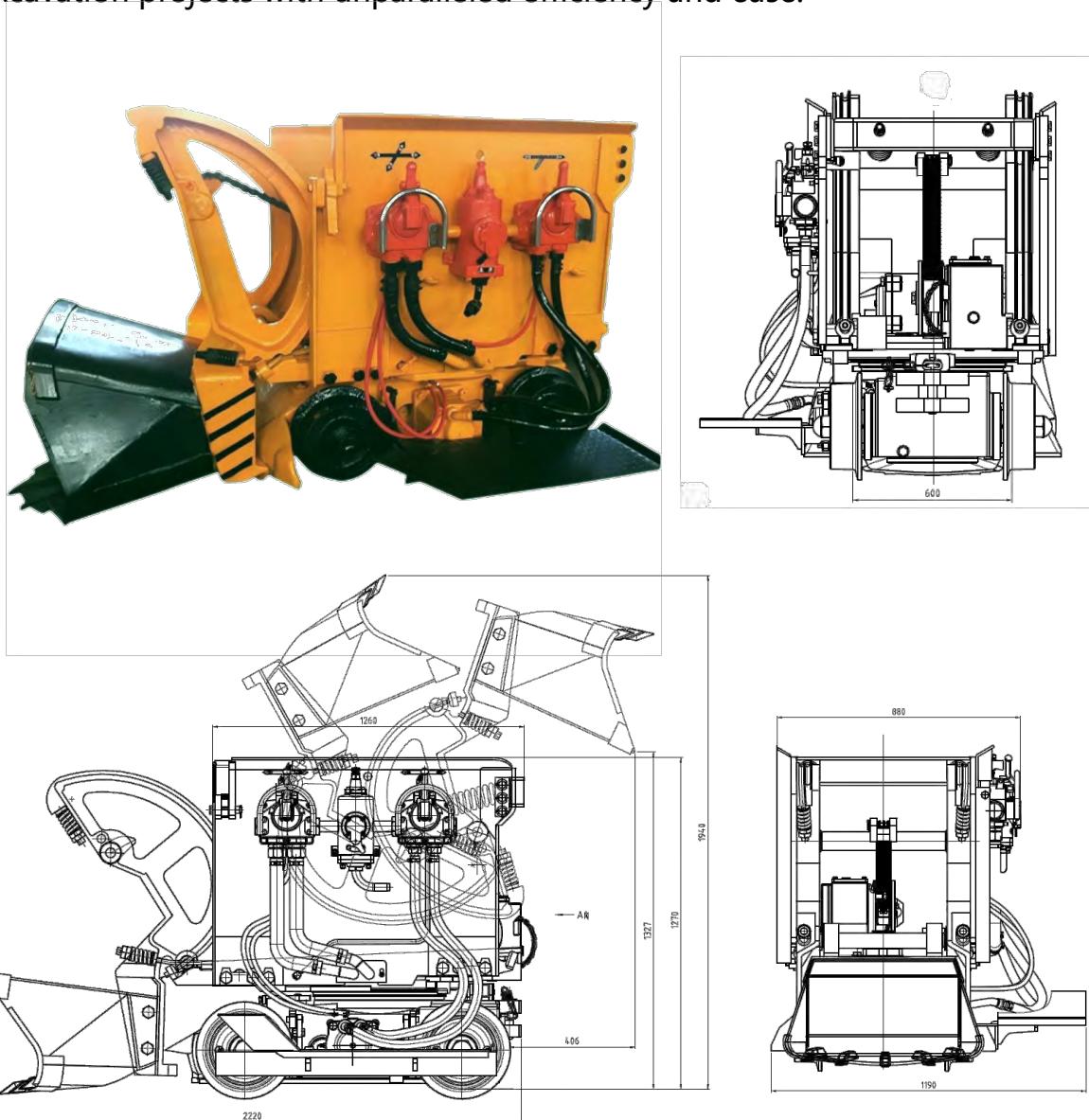
- **Unmatched Durability:** Built to withstand harsh conditions for long-lasting performance.
- **Effortless Operation:** Simplified controls and a stable tire system enable smooth, continuous workflow.
- **Versatile Configurations:** Choose between rope or rope-less models to suit your site requirements.
- **Optimized Loading Cycle:** Engineered for rapid, efficient material handling with minimal downtime.

ZQ-17 Steel Wheel Pneumatic Rock loader

Engineered for Excellence in Underground Operations

Meet the ZQ-17, a robust and highly efficient rock loader built to excel in the most demanding mining and tunneling environments. Designed for exceptional performance, this powerful machine combines remarkable strength with impressive speed, ensuring smooth and reliable material handling in confined underground spaces.

The ZQ-17 embodies a perfect balance of rugged construction and intelligent engineering, delivering outstanding results while minimizing operational complexity. Trust this dependable workhorse to elevate your excavation projects with unparalleled efficiency and ease.



ZQ-17 Rock Loader Technical Specifications

No.	Parameter	Value	Unit
1	Total Length	2200	mm
2	Main Body Length	1260	mm
3	Machine Height	1270	mm
4	Loading Height	1940	mm
5	Unloading Height	1327	mm
6	Unloading Length	406	mm
8	Machine Width (without footplate)	880	mm
9	Machine Width (with footplate)	1190	mm
10	Loading Width	1970	mm
11	Bucket Capacity	0.17	m ³
12	Loading Cycle	8	sec
13	Motor Power	12+15	kW
14	Air Consumption	205	cfm
15	Air Pressure Range	483-760	kPa
16	Air Hose Diameter	38-50	mm
17	Weight	2700	kg

Key Advantages:

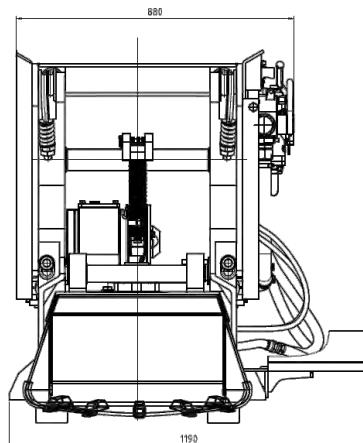
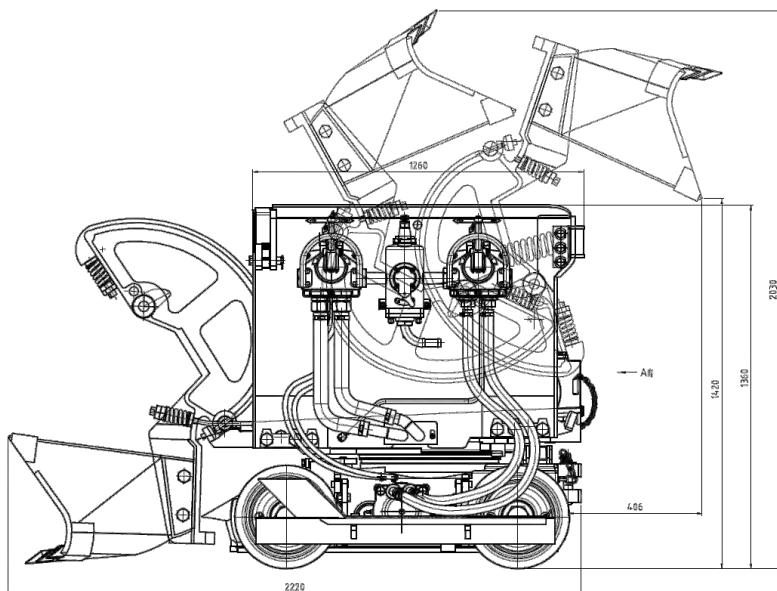
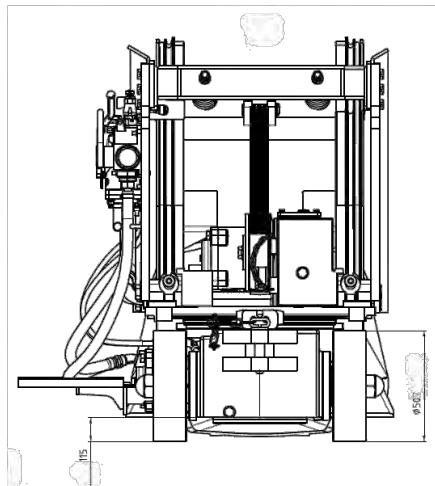
- Superior Durability: Crafted for long-lasting performance under extreme conditions.
- Effortless Operation: Streamlined controls enable seamless integration into any workflow.
- Proven Reliability: Consistent power and precision for non-stop productivity.
- Adaptable Design: Available in both rope and rope-less configurations to match specific site needs.

ZQ-17 Tire Pneumatic Rock loader

Precise. Resilient. Uncompromising.

Engineered for the most challenging underground environments, the ZQ-17 Tire Pneumatic Rock Loader delivers exceptional performance and remarkable durability. Its robust design, featuring non-steering tires, ensures outstanding stability and smooth operation in confined spaces.

This versatile machine handles heavy-duty rock loading with impressive efficiency and consistent power, making it an indispensable asset for demanding mining and tunneling projects.



ZQ-17 Rock Loader Technical Specifications

No.	Parameter	Value	Unit
1	Total Length	2200	mm
2	Main Body Length	1260	mm
3	Machine Height	1360	mm
4	Loading Height	2030	mm
5	Unloading Height	1420	mm
6	Unloading Length	406	mm
8	Machine Width (without footplate)	880	mm
9	Machine Width (with footplate)	1190	mm
10	Loading Width	1970	mm
11	Bucket Capacity	0.17	m ³
12	Loading Cycle	8	sec
13	Motor Power	12+15	kW
14	Air Consumption	205	cfm
15	Air Pressure Range	483-760	kPa
16	Air Hose Diameter	38-50	mm
17	Weight	2700	kg
18	Tire Diameter	507	mm
19	Ground Clearance	115	mm

Key Features:

- Enhanced Maneuverability: Optimized tire configuration for seamless navigation
- Intuitive Operation: User-friendly controls for effortless workflow integration
- Robust Construction: Superior engineering ensuring long-term reliability
- Flexible Configuration: Available in both rope and rope-less variants