



SCOOPTRAM



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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.

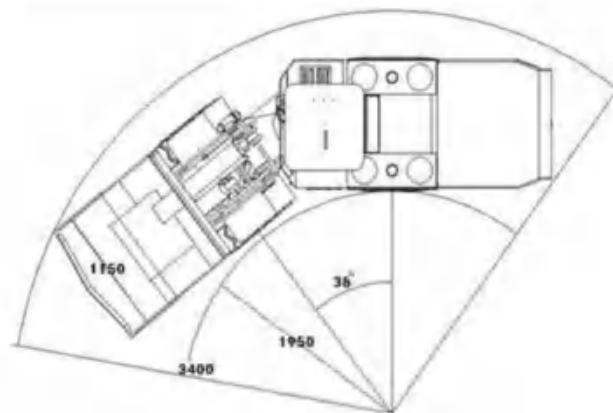
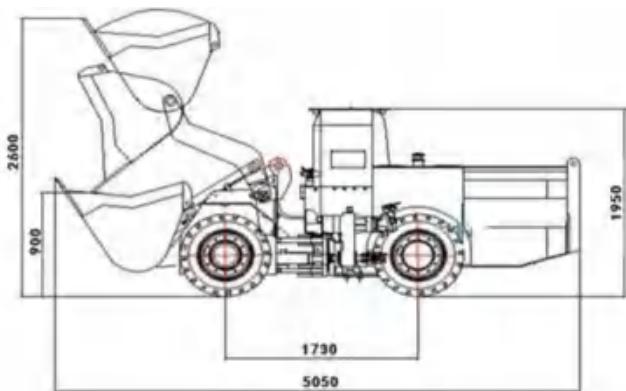
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WJ-0.6 Scooptram



Engine	DEUTZ BF4L2011 65hp/DEUTZ BF4L914 89hp
Transmission	hydrostatic DANFOSS
Volume	0.6m ³ (0.78 yards)
Payload	1200 kg



WJ-0.6 is a compact and lightweight scooptram for narrow vein mining. Best-in-class payload-to-weight ratio. Offers reduced dilution, increased flexibility, and operator safety when works in narrow vein operations.

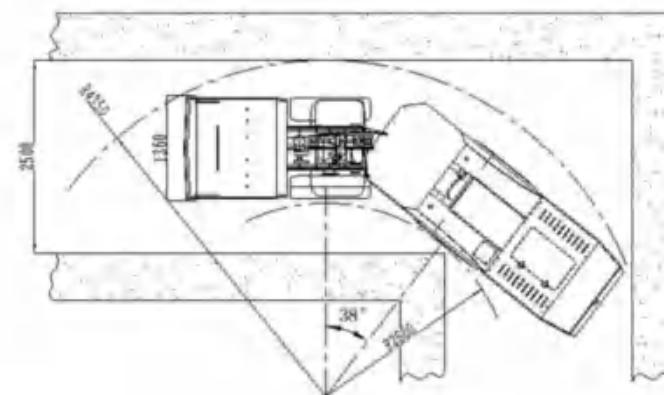
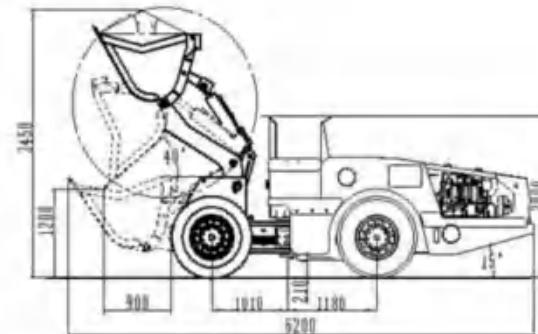
The loader is easy to operate and maintain, and features an operator's cab located on the rear frame of the machine to ensure increased operator safety.

The WJ-0.6 is packed with features to help mines maximize the ton and minimize mining costs. It has been designed to optimize the width, length and turning radius of the machine, allowing operation in narrower tunnels for less dilution and lower operating costs.

WJ-1 Scooptram



Engine	DEUTZ D914L04 58kw
Transmission	DANFOSS hydrostatic
Volume	1m ³ (1.3 ~ 1.5 yards)
Payload	2000kg



The WJ-1 is a compact and lightweight cargo tipper (LHD) for narrow mining, easy to operate and maintain, and features an operator compartment located on the rear frame of the machine to ensure increased safety of the machine operator.

The WJ-1 is packed with features to help mines maximize the ton and minimize mining costs. It has been designed to optimize the width, length and turning radius of the machine, allowing operation in narrower tunnels for less dilution and lower operating costs.

WJ-2 Scooptram



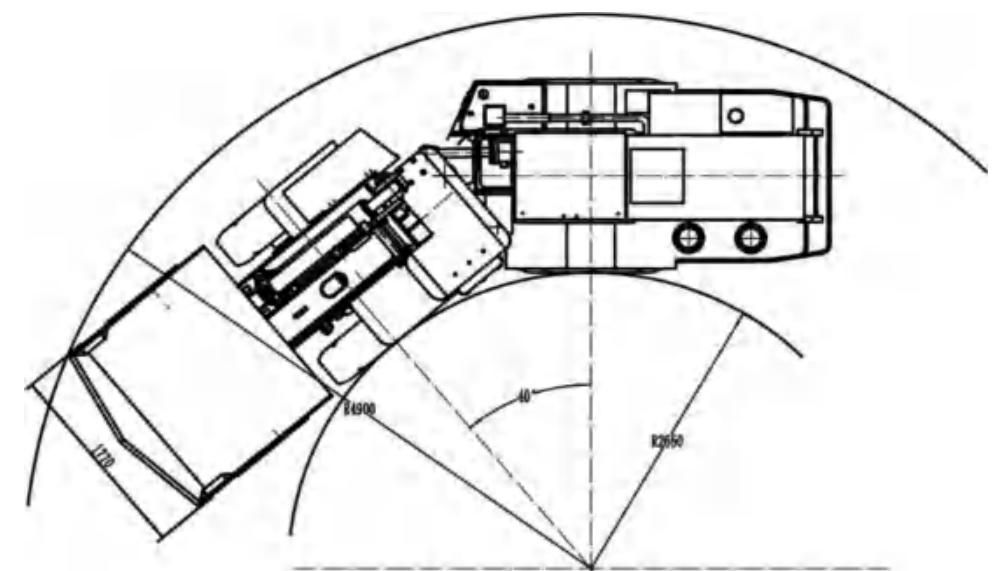
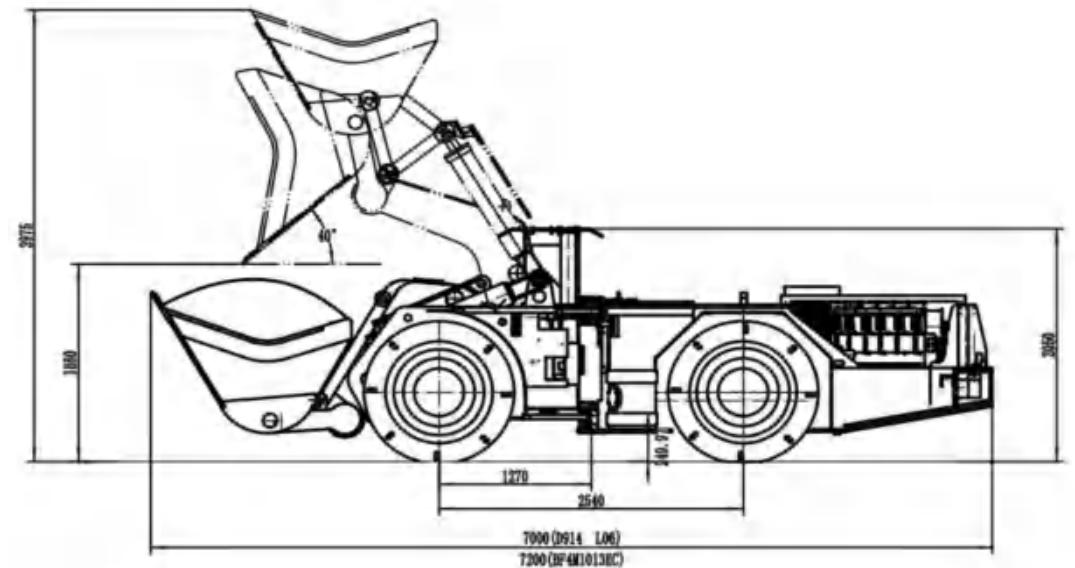
Engine	DEUTZ BF4M1013EC 156hp/ DEUTZ F6L914 114hp
Converter	DANA C270
Transmission	DANA RT32000
Axle	METORIOR / DANA
Purifier	POC + DOC
Volume	2m ³ (2.6 yards)
Payload	4000kg
Tire	12.00-24 PR16 L-4S
Maximum breakout force	85KN
Maximum traction	104KN
Climbing Ability (Laden)	25%
Axle oscillation angle	±8 °

Engineered for demanding underground environments, the WJ-2 LHD is a robust and reliable solution designed to boost productivity and efficiency. It delivers powerful and dependable performance through a premium drive train, ensuring smooth operation under heavy loads. Built with a high-capacity bucket, it handles significant payloads with ease, moving more material every cycle.

The WJ-2 excels in challenging terrain, offering exceptional breakout force, superior traction, and impressive climbing ability even when fully laden.

Its robust axle system provides excellent ground articulation, maintaining stability and contact over uneven ground. Operators benefit from a secure and comfortable cabin, while advanced emission control technology ensures cleaner operation.

Durable and built to last with high-grade components, the WJ-2 is the dependable partner for maximizing uptime and lowering your cost per ton in tough mining conditions.



WJ-3 Scooptram

The WJ-3 represents a significant step up in power and capability, engineered for the most demanding high-production underground mining cycles.

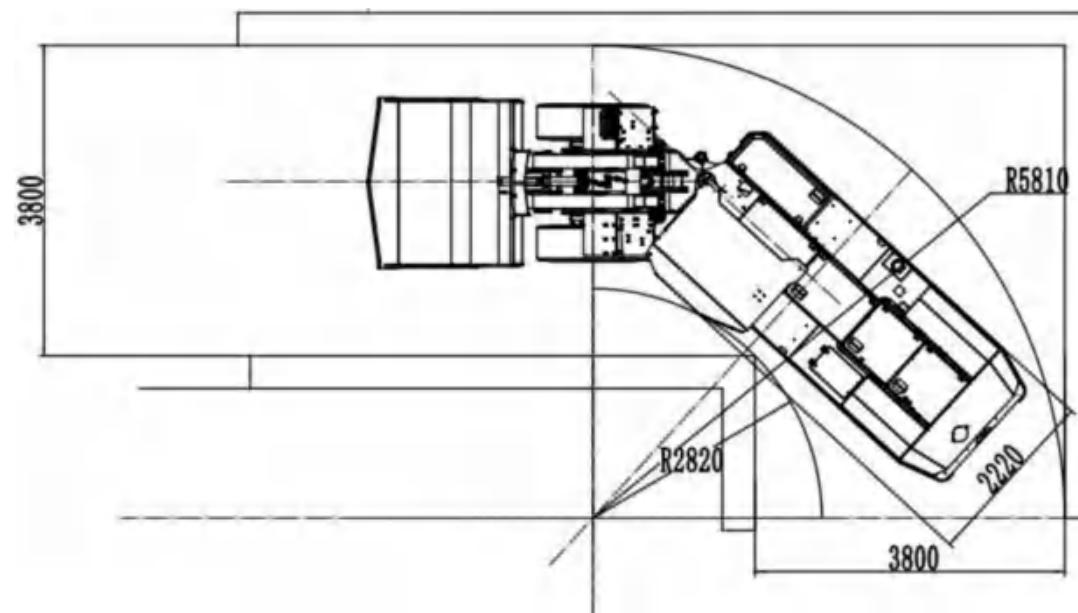
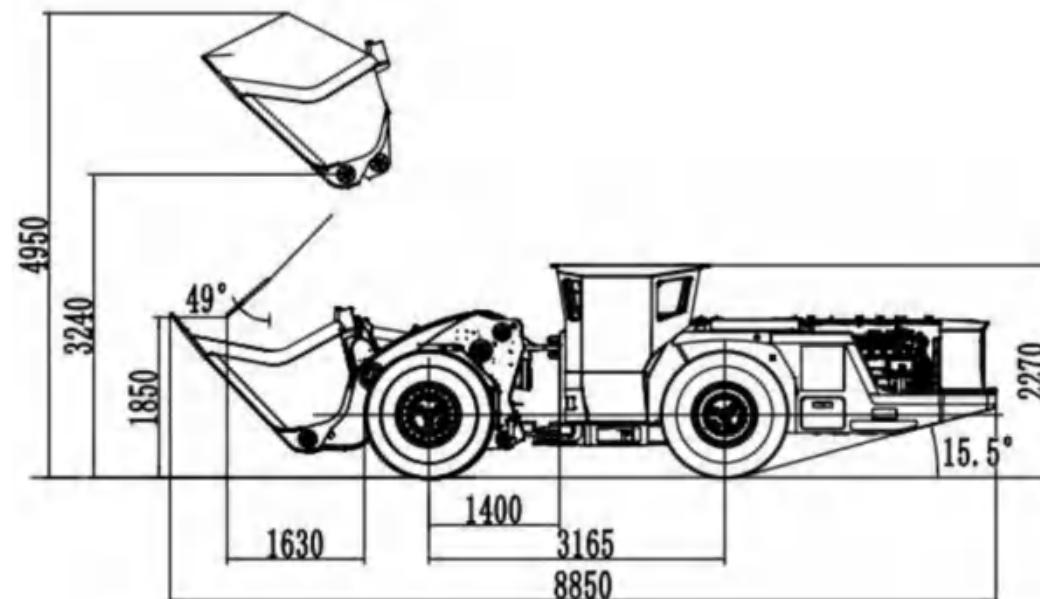
It delivers exceptional performance through a robust and efficient powertrain, designed for reliability and smooth operation under continuous heavy-duty use. With its large-capacity bucket, the WJ-3 efficiently handles substantial payloads, significantly increasing material movement per shift to drive site productivity.

Built for durability and operator comfort, the WJ-3 features a reinforced structure and a premium drive axle system for superior traction and stability on challenging terrain.



The standard integrated emission control system ensures environmentally conscious operation. Furthermore, the WJ-3 can be customized with a suite of premium options, including an automatic fire suppression system, collision awareness technology, climate-controlled cabin comfort, and an automatic lubrication system for enhanced maintenance and longevity.

It is the ideal solution for operations focused on maximizing throughput and total cost of ownership.



Engine	DEUTZ BF6M1013EC 165kw/TCD6.1L6 165kw
Converter	DANA C273
Transmission	DANA RT32360
Axle	DANA 16D
Purifier	DOC + POC
weight	17600 kg
Volume	3m ³ (4 yards)
Payload	7000 kg
Optional	<ol style="list-style-type: none"> 1. ANSUL fire suppression system 2. Reverse impact system 3. Air conditioning 4. Automatic lubrication system

WJ-6 Scooptram

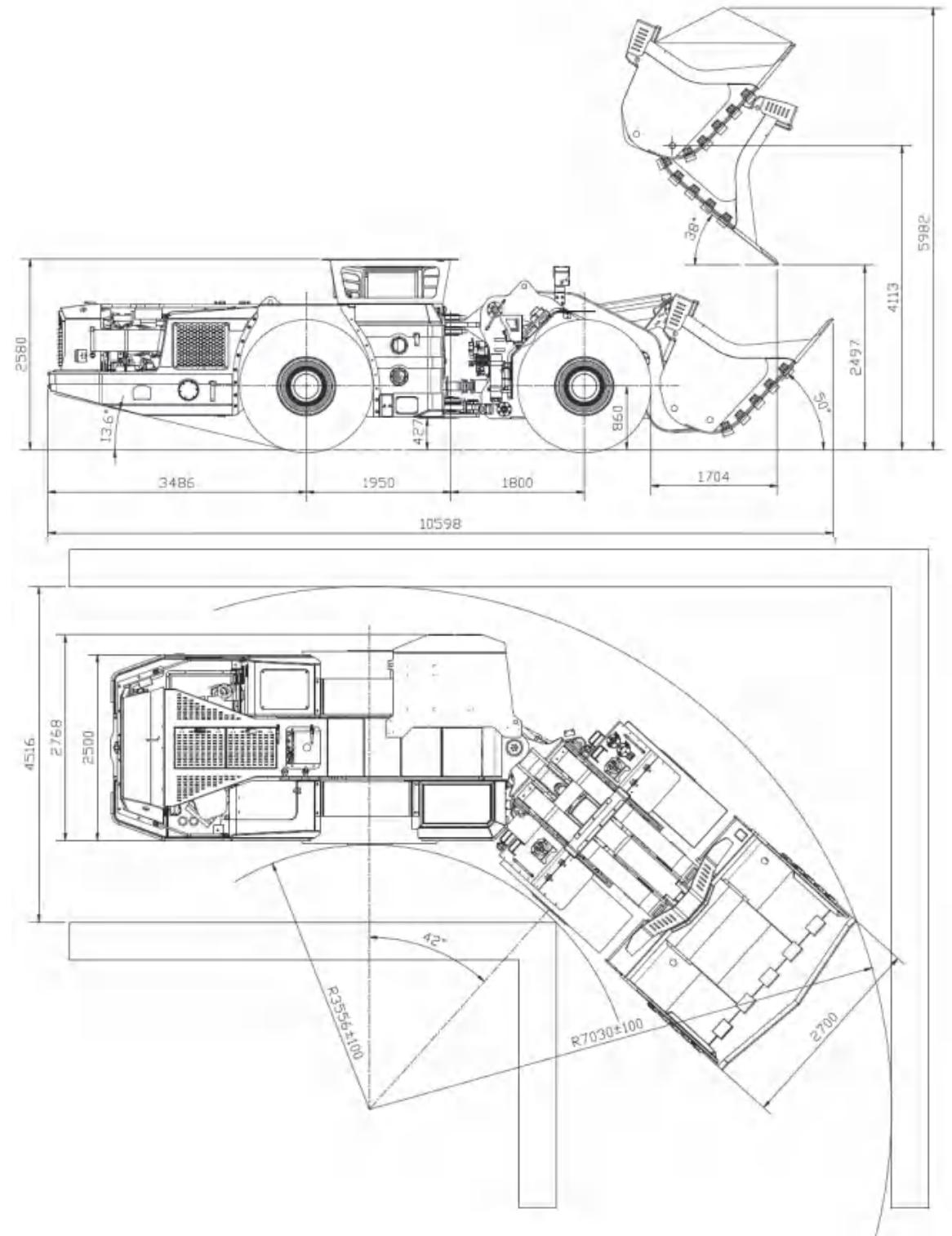
The WJ-6 LHD sets a new benchmark for power and productivity in large-scale underground mining. Engineered as a true heavy-duty powerhouse, it integrates a premium, high-output engine with an exceptionally robust drivetrain to deliver unmatched breakout force and hauling capability.

This combination allows it to dominate the most demanding loading and hauling cycles, moving massive volumes of material with exceptional efficiency to dramatically lower operating costs.

Built for relentless performance, the WJ-6 features a heavy-duty chassis and a superior axle system designed for maximum durability, stability, and traction under extreme loads. Operator safety and environmental compliance are ensured through its advanced exhaust purification system.



Uniquely, the WJ-6 can be equipped with state-of-the-art remote control technology for operation in hazardous areas, alongside other premium options like an integrated engine fire suppression system and a climate-controlled cabin. It represents the pinnacle of strength, reliability, and innovative technology for the most challenging mining environments.



Engine	VOLVO TAD1350VE 256kw
Converter	DANA C9000
Transmission	DANA 6000
Axle	Kessler D106
Purifier	DOC + POC
Machine weight	39000 kg
Volume	6m ³
Payload	14000 kg
Optional	<ol style="list-style-type: none"> 1. Engine fire suppression system 2. Remote control 3. Air conditioning + heater

WJ-8 Scooptram

The WJ-8 LHD represents the apex of the series, engineered as the ultimate high-productivity solution for the most intensive and large-scale underground mining operations. This flagship model delivers class-leading power and performance through an exceptionally robust powertrain, providing unprecedented breakout force and traction to master the toughest rock and hauling cycles with superior efficiency.

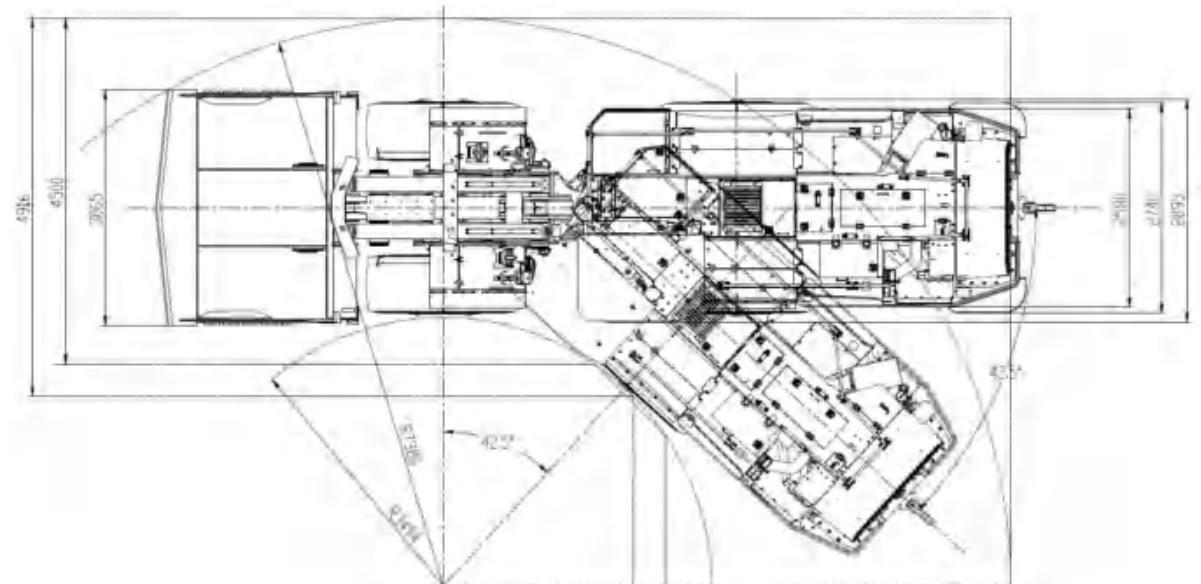
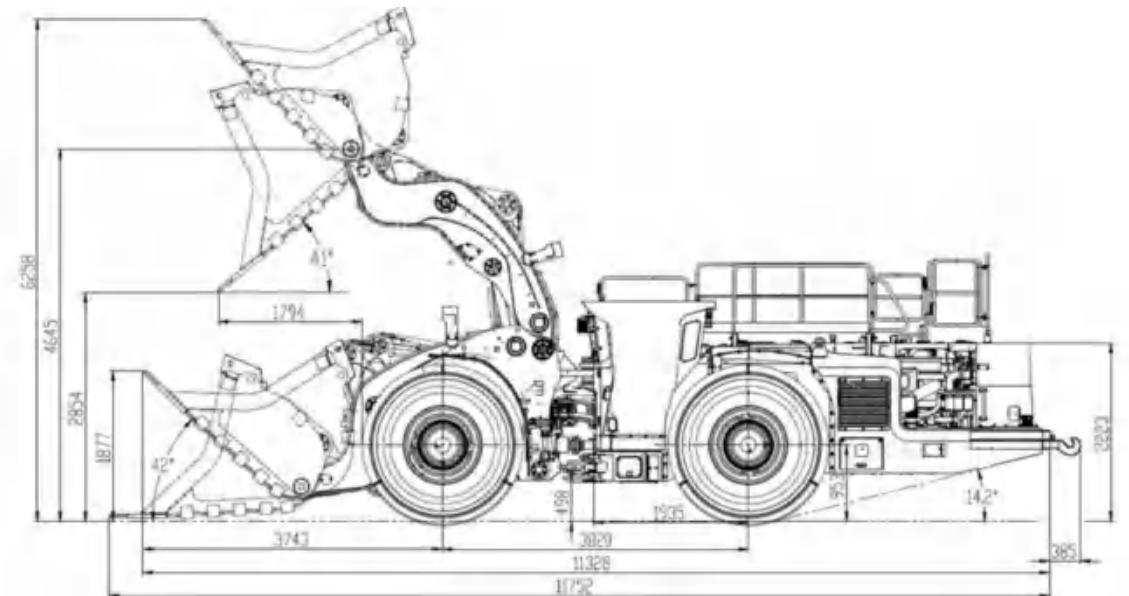
Its industry-leading bucket capacity and payload allow it to move unprecedented volumes per cycle, setting a new standard for lowering operational costs and maximizing material movement.



Engine	VOLVO TAD1352VE 315kw
Converter	DANA C9000
Transmission	DANA 6000
Axle	Kessler D111
Purifier	DOC + POC
Machine weight	47000 kg
Volume	7.5m ³
Payload	18000 kg
Optional	<ol style="list-style-type: none"> 1. Engine fire suppression system 2. Remote control 3. Air conditioning + heater

Constructed for ultimate endurance, the WJ-8 incorporates a heavy-duty, reinforced frame and a top-tier axle system engineered for exceptional stability and durability under extreme loads. Operator protection and environmental responsibility are integral, supported by a sophisticated exhaust after-treatment system.

The WJ-8 offers next-level operational flexibility and safety with advanced optional features, including a comprehensive engine fire suppression system, fully integrated remote control capability for hazardous area work, and a premium climate-controlled cabin. As the pinnacle of strength and innovation, the WJ-8 defines the future of high-tonnage underground hauling.



WJ-10 Scooptram

The WJ-10 LHD defines a new class of ultra-high-capacity underground hauling. Engineered for the most demanding mega-projects, it delivers unparalleled power and performance through the most robust powertrain in its category, providing industry-leading breakout force and traction to conquer extreme cycles.

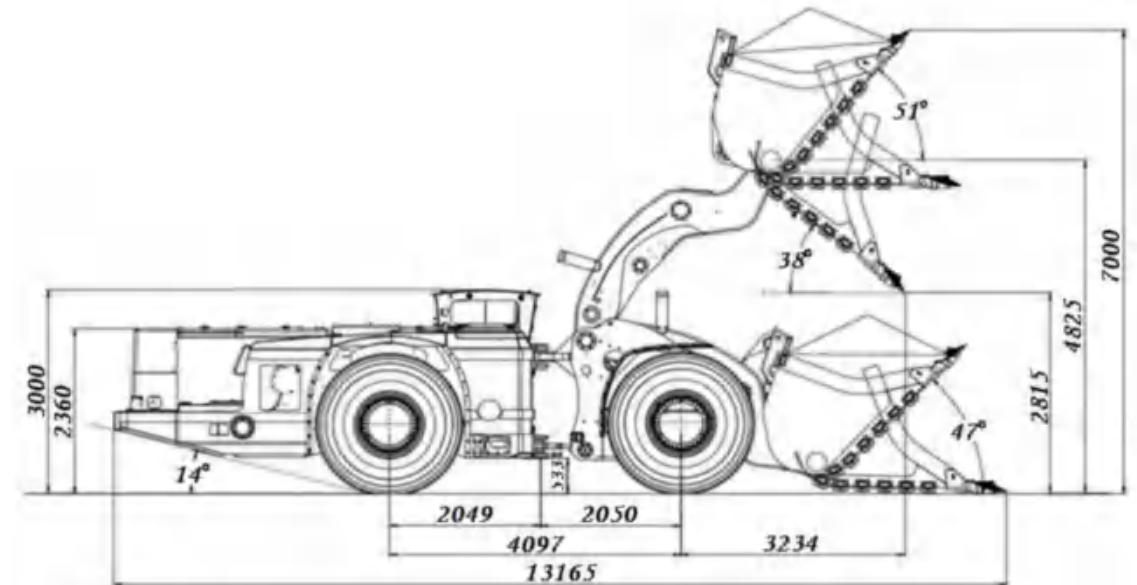
As the largest and most powerful in the series, its enormous bucket capacity and class-topping payload move record volumes per pass, achieving maximum efficiency and dramatically reducing the total cost of operation.

Built for extraordinary endurance, the WJ-10 features a super-heavy-duty chassis and the most advanced axle system, engineered for exceptional stability and longevity under maximum load. Its sophisticated emission control technology ensures clean, compliant operation.



Engine	VOLVO TAD1380VE 375kw
Converter	DANA C9000
Transmission	DANA 8000
Axle	Kessler D116
Purifier	DOC + POC
Machine weight	60000 kg
Volume	10m ³
Payload	21000 kg
Optional	<ol style="list-style-type: none"> 1. Engine fire suppression system 2. Remote control 3. Air conditioning + heater

To meet the highest safety and operational standards, it offers critical options including a comprehensive engine fire suppression system, fully integrated remote control for zero-entry operation, and a premium climate-controlled cabin. The WJ-10 is the ultimate solution for setting new benchmarks in underground productivity and scale.



BIRD VIEW(Passivity)

