

Cat® 950L

Wheel Loader – Steel Mill

The new L Series Steel Mill package protects your machine investment in demanding steel mill environments with extreme temperatures and aggressive conditions. The industry-unique factory treatment provides more protection for all machine components exposed to direct heat radiation or heat conduction, improving the reliability and durability of your wheel loader.

Meets China Nonroad Stage III and India Bharat Stage III emission standards and U.S. EPA Tier 3/EU Stage IIIA equivalent emission standards.

Reliability

- Cat® C7.1 ACERT™ engine offers a combination of proven electronic, fuel, and air systems.
- Using rigorous component design and machine validation processes results in unmatched reliability, durability, and high uptime.

Durability

- Tough powershift transmission and axles handle extreme applications.
- Improved hydraulic hose routing reduces potential hose wear.
- Full flow hydraulic filtration system with additional loop filtration improves hydraulic system robustness and component life.

Productivity

- Engine power increased by approximately 22% improves machine performance and response (compared to H Series).
- Lock-up clutch torque converter, combined with lock-to-lock shifting, delivers smooth shifts, fast acceleration, and speed on grade.
- High capacity torque converter results in greater digging efficiency.
- Z-bar linkage provides high breakout force at ground level.
- Optional high lift linkage offers increased hinge pin height to load more easily in a variety of applications.
- Cat slag buckets provide maximum performance and durability for aggressive slag handling.
- Optional fully automatic traction control system (differential locks) improves performance in the pile and poor underfoot conditions.

Fuel Efficiency

- Up to 10% lower fuel consumption than H Series.*
- Power dense ACERT engine burns less fuel by providing power and torque when needed.
- Load sensing hydraulics result in proportional flow for implement and steering on demand.
- Standard productive Economy Mode provides maximum fuel savings with minimal productivity impact.

Ease of Operation

- Best-in-class operator environment provides unmatched comfort, visibility, and efficiency.
- Intuitive, ergonomic controls keep you focused on your work.
- Optional ride control system with dual accumulators provides excellent ride quality and lowers cab vibrations.

Safety

- Excellent cab access with wide door and stair-like steps.
- Floor-to-ceiling windshield, large mirrors with integrated spot mirrors, and rear vision camera provide industry leading all-around visibility.
- Robust, repositioned grab bars provide safe access to machine platforms.

Serviceability

- One-piece tilting hood with side and rear doors; hydraulic and electrical service centers make access fast and easy.
- Safe ground level access to fuel fill, oil fill, filters and daily maintenance points means less servicing time required.
- Optional, fully integrated Cat Autolube system provides full lube system monitoring and diagnostic test visibility.

Cat® Connect Technology

- Monitor, manage, and enhance job site operations.
- Cat LINK Technologies: VisionLink® enables owners to access data wirelessly to monitor machine health, use, and location.
- Cat DETECT Technologies: Integrated rear vision camera enhances visibility behind machine to help you work safely. Optional Cat Rear Object Detection increases operator awareness of the working environment which enhances site safety.
- Cat PAYLOAD Technologies: Optional Cat Production Measurement 2.0 brings simple and accurate on-the-go payload scale allowing you to deliver exact loads and work more efficiently. Advanced Productivity subscription provides comprehensive actionable information to help you manage and improve the productivity and profitability of your operations.

*Actual results may vary based on factors such as, but not limited to, machine configuration, operator technique, machine application, climate, etc.

CAT®

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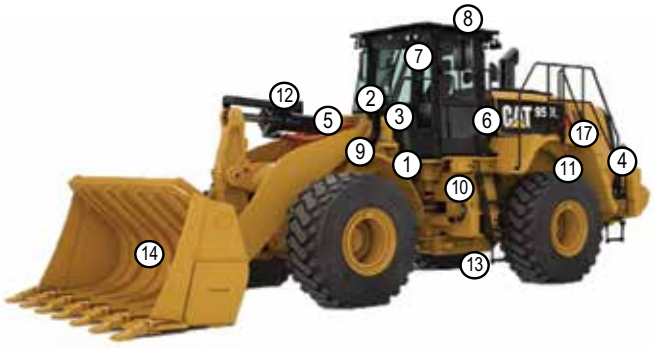
Engine		
Engine Model	**Cat C7.1 ACERT**	
Maximum Gross Power @ 2000 rpm – ISO 14396 (metric)	195 kW	265 hp
Maximum Net Power @ 2000 rpm – ISO 9249 (metric)	185 kW	252 hp
Peak Gross Torque (1400 rpm) – ISO 14396	1050 N•m	
Maximum Net Torque (1400 rpm)	984 N•m	
Displacement	7.1 L	

	Protection Features
1	**Electrical Protection** – wire harnesses protected with non-asbestos, high-temp braided insulation with silicon rubber
2	**Lights and Guards** – protected by wire-mesh, made of steel and glass
3	**Safety Control** – ignition and transmission control override switches located to the right of operator seat allow you to operate the machine in case of transmission control failure
4	**Parking Brake Override and Engine Shut-Off** – provide a ground level switch that releases the parking brake for machine towing and allows you to turn off the engine
5	**Hydraulic Protection** – lines protected with non-asbestos, high-temp braided insulation with silicon rubber
6	**Ecosafe® Fluid** – replaces standard mineral oil with a fire-resistant oil
7	**Front Cab Windows Rubber Sealed** – quickly and easily replaced
8	**Metallic Roof**
9	**Metallic Fenders**
10	**Reinforced Service Centers** – 6 mm thick welded plates (lateral sides and bottom)
11	**Reinforced Panels** – protect rear chains from possible debris
12	**Tilt Cylinder Guard** – protects cylinder from falling objects
13	**Bottom Protection** – protects components from debris accumulation and provides additional resistance to damage
14	**Cat Slag Bucket** – increased material thickness in critical structural components provide maximum durability for aggressive slag handling
	Optional Attachments*
15	**Autolube System**
16	**Fire Extinguisher Platform**
17	**Rear Egress**
18	**Cooler Axle Oil**

*Recommended for steel mill environments





Please contact your local dealer for availability of work tools specific for this application.

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