

Mining Truck

T 264

Gross Vehicle Weight (GVW): 393 t / 433 ton
Nominal Payload: 228 t / 251 ton



LIEBHERR

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Productivity

Liebherr Mining Equipment enables superior productivity by loading and hauling maximum tonnage in the shortest amount of time.

Efficiency

Liebherr combines the proven capabilities of previous models with new features that improve operational efficiency.

Reliability

To maximize equipment reliability, Liebherr combines manufacturing expertise with superior monitoring and diagnostic capabilities.

Customer Support

Liebherr builds more than just mining equipment; Liebherr also builds customer partnerships.

Safety

Mining demands an ever-vigilant focus on safety, and Liebherr strictly adheres to industry standards. Liebherr equipment is designed to diminish risk even under the most extreme mining conditions.

Environment

Liebherr optimizes mining equipment for fuel economy, emission compliance, and extended service intervals.





Litronic Plus AC drive system

Liebherr's efficient drive system with high power to ground ratios enables fast acceleration and high speeds on grade for increased productivity.





Productivity



By maximizing payload while minimizing cycle times, Liebherr high-horsepower equipment effectively moves more tons per hour.

Unmatched performance

The T 264 offers high performance on grade. It combines an efficient Litronic Plus AC drive system and a high power engine up to 2,013 kW (2,700 HP) to yield higher speeds on grade. With its efficient hydraulic design and fast cycle times, the T 264 moves more material.

Flexible engine options

The T 264 supports multiple engine options with power ratings up to 2,013 kW (2,700 HP). With application-specific recommendations from Liebherr, Customers are able to select the engine that will allow the truck to meet productivity targets while minimizing fuel consumption.

Drivability

Liebherr is committed to designing mining trucks that operators want to drive. The T 264 fulfills this commitment and promotes driver efficiency with its superior comfort, acceleration and handling.

Loading

This 240-ton class truck is well-matched with a variety of rope-shovels, hydraulic excavators and wheel loaders. Loading the T 264 with either the Liebherr R 9800 or R 996 B hydraulic excavator offers a highly productive combination.



Extended operation

The T 264 is designed to operate for approximately 24 hours without refueling, dependent upon application. The extended operation is supported by its low fuel consumption and optional 4,920 liter (1,300 gallon) fuel capacity.





Dynamic braking

The T 264 features high-powered, frictionless dynamic braking. The AC drive system delivers up to 3,300 kW (4,425 HP) of electric dynamic braking, reducing engine loading and fuel consumption.





Efficiency

Efficiency is a key ingredient for a successful mining operation. Liebherr mining equipment enables Customers to enjoy unrivaled performance while reducing cost per ton.

Litronic Plus technology

Developed and built by Liebherr, the proven Litronic Plus drive system determines the optimal way to extract power from the diesel engine. Efficient loading of the engine is critical to minimize fuel consumption and maximize performance.

Serviceability

The T 264 reduces maintenance time by offering ground level service points whenever possible. This feature allows more time to be spent in operation and less time spent in the workshop.

Intelligent power usage

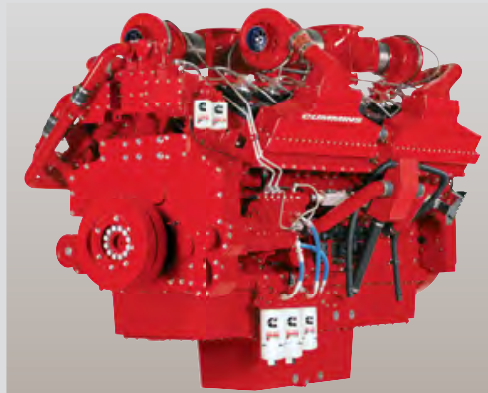
Engine power usage is optimized by running auxiliary components such as pumps, fans and motors only when needed. Fuel is conserved when the engine is idling and more power is available to accelerate the truck and climb grades when necessary.

Long life components

Components are built to perform in the most extreme mining conditions in order to allow more time between overhauls and to reach their maximum operational life.

Wheel motors

The T 264's AC induction motors efficiently convert electrical power into mechanical torque. Fewer electrical losses translate into higher rimpull forces for faster cycle times and increased fuel economy.



Engine / Fuel system

The T 264 offers reliable engine options with the latest fuel injection technology for cleaner combustion and reduced fuel consumption. Customers can expect reduced maintenance and lower fuel costs.



Frame

The T 264's frame is designed according to international weld fatigue guidelines, and is fabricated according to American Welding Society standards. This steel structure includes cast components in strategic areas and hollow box rails with fully welded internal stiffeners. These choices ensure the most durable, lightweight frame available.





Reliability

Liebherr draws upon a wealth of experience while incorporating new technologies into its products to provide Customers with high quality equipment and services.

Quality products

With a long history of hydraulic excavators, haulage trucks and support equipment operating in the harshest mining environments, Liebherr has a proven record of providing Customers with reliable products. The T 264's design is based on the experience gained from millions of operating hours on Liebherr trucks.

Advanced engineering tools

Liebherr's structural design process includes various techniques and advanced software tools to ensure that the T 264 will perform reliably under the most demanding operating conditions. Some of the tools include:

- Multi-body Dynamic Simulations
- 3D modeling
- Finite Element Analysis (FEA)
- Structural Fatigue Life prediction software

Diagnostics

The integrated electronic system monitors, records, and outputs vital truck health and performance data. Data is stored and available for download to perform detailed analysis. This system supports predictive maintenance strategies to minimize unscheduled downtime.

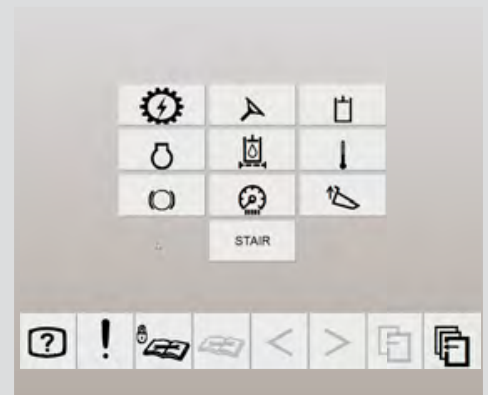
Truck data is readily available to fleet dispatch or monitoring systems through a dedicated port using open communication protocols. This allows Customers the flexibility to choose systems which support their maintenance, operations, and business process requirements.



Integrated dash display

The monitoring system includes an onboard 30 cm (12") touch-screen display. Intuitive menus and user-friendly screens provide operators and technicians with real-time truck information.

In addition to the standard operator screen, password protected diagnostic screens display live data such as temperatures and pressures for detailed troubleshooting.





Extended component life

Liebherr Mining exchange components enable Customers to minimize the total lifecycle cost of owning and operating a Liebherr mining truck or excavator while maintaining peak productivity and reliability.

All exchange components are built to OEM standards, offering same-as-new warranties.





Customer Support

Liebherr is committed to maintaining a full life cycle service organization as well as a global parts warehousing and remanufacturing network.

Product support

Liebherr product support provides the vital interface between the Customer and Liebherr. There are different levels of product support available:

- Assembly
- Maintenance advice
- Troubleshooting assistance
- Technical expertise

Product support personnel work with Customers from the assembly of a truck throughout its operating life. Liebherr understands the importance of proper service and support, and will be there for the life of the equipment.

Product upgrade programs

Liebherr offers component and system upgrades as advances in technology, innovation in design, and manufacturing improvements become available. The product upgrades can improve performance, reliability and safety.

Parts support and logistics

Liebherr forecasts parts requirements on a global basis and optimizes inventories to meet Customers' needs. Liebherr offers a 24/7 on-call service to ensure prompt response.



Training

The Liebherr Mining Training System provides operator and field service technicians with world-class operational and technical training.

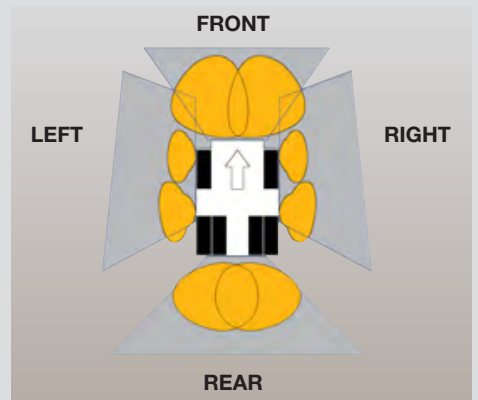
- Operator training
- Basic and advanced service technician training
- Hands-on troubleshooting training





Operator assist features (optional)

- Vision system provides the additional viewing angles around the truck to eliminate blind spots
- Detection system alerts the operator when an object is in close proximity to the stationary truck
- Fatigue system provides real-time monitoring of the operator for fatigue and distraction events while the truck is in motion.





Safety



Liebherr designs and builds safety into every piece of mining equipment, and is committed to providing a safe and healthy working environment for the operator and service personnel.

Operator safety

The T 264 cab is ergonomically designed to be a safe, comfortable and productive environment for operators. The cab provides maximum visibility and is certified for roll-over and falling-object protection. All Liebherr trucks offer at least two safety routes from the cab to the ground.

Service personnel safety

Liebherr mining trucks are equipped with ladders designed for easy engine access. The low working heights of maintenance areas provide safe and efficient service access.

- Access to the engine and alternator from both sides of the chassis
- Ground level filling points for fuel, hydraulic oil, grease and coolant
- Hydraulic filters and battery isolation box accessible from ground level
- Dual access into axle box for maintenance and inspection
- Tie offs for safety harnesses
- Centralized access to all cab electrical connections from the superstructure floor

Operational safety

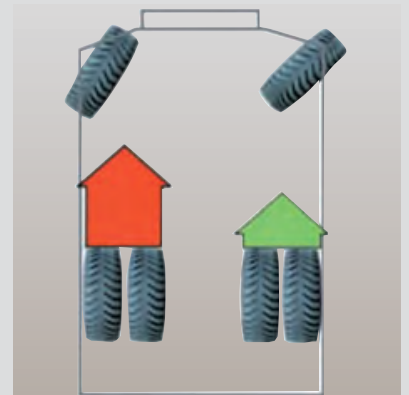
In order to maintain a safe working environment, the T 264 offers the following features.

- Payload overload warnings
- Anti-roll back feature active in forward and reverse
- Certified steering and braking accumulators
- High visibility LED running and service lights
- Emergency stop buttons in cab and at ground level



Stability and control

The advanced Traction Control System with four-wheel speed sensing capability automatically adjusts torque to the rear wheels to maximize traction when cornering, accelerating from a standstill, or traveling down wet or icy roads. Developed by Liebherr exclusively for mining trucks, this system enables operators to consistently maintain steering control and truck stability.





Fewer carbon-based consumables

Liebherr's AC drive technology allows the T 264 to use fewer consumables compared to similar class trucks. It requires less service time and reduces the costs of handling and disposing of waste.





Environment



In order to minimize the impact on the environment, Liebherr designs and builds mining equipment with the smallest possible environmental footprint.

Low emissions

By partnering with the leading providers of high speed diesel engines, Liebherr is able to offer engine options for the T 264 with the latest emission technology to satisfy US EPA emissions requirements.

Fuel efficiency

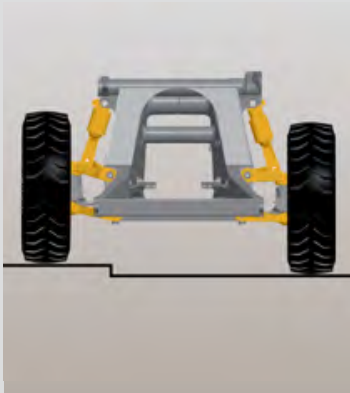
Liebherr's Litronic Plus drive system paired with the latest engine technology provides excellent fuel economy. Lowering the fuel consumption of the truck fleet can significantly reduce the carbon footprint of the entire operation.

Component exchange

The Liebherr exchange program extends component life cycles. The program employs condition-based replacements that reduce unplanned maintenance. Liebherr also reduces waste by overhauling components using original core parts.

Environmental awareness

Liebherr is committed to the protection of the environment and takes the necessary steps to meet various regulatory requirements in our manufacturing process to restrict the use of hazardous substances. This includes the use of alternative coatings and plating that reduce the overall impact on the environment.



Tire life

Liebherr's independent, double A-Arm front suspensions minimize lateral tire forces by keeping it in contact with the ground over uneven roads or while turning the truck. Optimized for reduced wear when the truck is driving loaded, this suspension arrangement is designed to get the most useful life out of each tire.



Technical Data



Engine

Model _____ Cummins QSK 60*
 Gross horsepower @
 1,900 rpm** _____ 1,864 kW / 2,500 HP
 No. of cylinders _____ 16
 Displacement _____ 60 l / 3,661 in³
 Wet weight _____ 8,750 kg / 18,893 lb
 Crankcase _____ 260 l / 68.8 gal
 Cooling system _____ 757 l / 200 gal

* Standard engine setting is USA/EPA Tier 2 compliant in emission-optimized (EO) mode. Fuel-optimized mode (FO) is optional for non-emission regulated countries.

** Gross power definition according to SAE J 1995 standard conditions.

Model _____ MTU 16V4000 C23R*
 Gross horsepower @
 1,800 rpm** _____ 2,013 kW / 2,700 HP
 No. of cylinders _____ 16
 Displacement _____ 76.3 l / 4,656 in³
 Wet weight _____ 8,844 kg / 19,498 lb
 Crankcase _____ 300 l / 79.3 gal
 Cooling system _____ 833 l / 220 gal

* Standard engine setting is USA/EPA Tier 2 compliant in emission-optimized (EO) mode. Fuel-optimized mode (FO) is optional for non-emission regulated countries.

** Gross power definition according to ISO 3046 (ratings also correspond to SAE J 1995 standard conditions)

Consult factory for other engine options



Electric Drive System

Control System _____ Liebherr Litronic Plus AC drive system with IGBT technology
 Control box _____ Liquid cooled power components, pressurized cabinet
 Traction control _____ Litronic Plus traction control system, Computer controlled in propel and dynamic braking, forward and reverse, all wheel speed sensing
 Main alternator _____ AC brushless, direct drive, forced air cooling
 Wheel motors _____ Litronic Plus AC induction motors, forced air cooling
 Gear ratio _____ Standard 32.4 to 1 gear ratio (64 km/h / 40 mph)
 Cooling system _____ Variable speed AC motor with twin impeller radial cooling fans



Braking Systems

Electric dynamic braking, forced air over quiet stainless steel resistor grids with dry disc service and secondary braking system.

Electric dynamic braking _____ Max: 3,300 kW / 4,425 HP
 Full dynamic braking down to zero. Single-pedal, automatic brake blending with service brakes from 0.8 km/hr / 0.5 mph to zero

Dynamic braking speed control _____ Operator adjustable, automatically limits truck speed on downhill grade when set

Adjustable speed limits _____ Automatic speed limits for empty and loaded truck adjustable for site requirements

Traction control _____ Litronic Plus traction control system. Computer controlled in propel and dynamic braking, forward and reverse, all-wheel speed sensing

Service brakes front _____ Outboard single disc, wheel speed, four calipers per wheel

Service brakes rear _____ Single disc per side, two calipers per disc, armature speed

Hydraulic accumulators _____ Separate piston type accumulators:
 Front Brake Supply (1 x 27 l / 7.1 gal)
 Front Brake Pilot (1 x 4 l / 1 gal)
 Rear Brake Supply (1 x 7.6 l / 2 gal)
 Rear Brake Pilot (1 x 4 l / 1 gal)
 Pump control (7.6 l / 2 gal)

Park brakes _____ Spring applied, pressure released, two calipers per each rear disc

Filtration _____ Cleanliness level ISO 15/13/11



Steering

Ackermann center point lever system, full hydraulic power steering with accumulator safety backup. Isolated from dump hydraulic system. Two double-acting hydraulic cylinders.

Hydraulic accumulator _____ 2 x 88 l / 23.2 gal (Piston type)

Filtration _____ Cleanliness level ISO 15/13/11

Turning radius (ISO 7457) -

Tire centerline _____ 15.0 m / 49' 2"

Vehicle clearance radius

(ISO 5010) _____ 16.5 m / 54' 2"



Dump System

Two double-stage, double-acting hoist cylinders with inter-stage and end cushioning in both directions. Electronic joystick with integrated engine high-idle switch and full modulating control in both extend and retract.

Dump angle _____ 49° (45° with optional kick-out switch)

Cycle times _____ 20 seconds - Power Extend "Power Up"
 11 seconds - Power Retract "Power Down"
 14 seconds - Retract to Frame

Remote dump _____ Quick disconnects for external power dumping (buddy dump) accessible from ground level

Filtration _____ Cleanliness level ISO 15/13/11

Technical Data



Suspensions System

Front	Double A-Arm with inclined king pin pivot, spindle, and nitrogen over oil suspensions with integral damping
Rear	Three bar linkage comprised of triangular upper link plus two bottom drag links and nitrogen over oil suspensions with integral damping



Tires

Tires	46/90 R57 Standard 40.00 R57 Optional
Rims	29" x 57" bolt on rims



Frame

Design	Closed box structure with multiple torque tube cross members, internal stiffeners and integrated front bumper. Steel castings are used in high stress areas.
Welding	Frame girders welded inside and out with ultrasonic inspection aligned with AWS D1.1



Cab

Deluxe cab with integrated ROPS, FOPS, and double wall design for optimum insulation. Fully adjustable air suspension operator seat with double lumbar support and full-size second seat for training requirements. Operator comfort controls include a tilt and telescoping steering wheel, heater, defroster and standard AC. Real-time vital truck information is easily displayed to the operator and also recorded for download.



Body

Body sizes are custom designed to fit Customer requirements and specific applications. Please contact factory for options.



Sound

Interior cab noise level
(per ISO 6394:2008) _____ 75 dB(A) sound pressure



Weights

With standard 46/90 R57 tires	
Nominal Payload	228 t / 251 ton
Gross Vehicle Weight (GVW)	393 t / 433 ton
Chassis weight *	139 t / 153 ton
Body weight	26t / 29 ton
Weight distribution	Empty – front 50 % / rear 50 % Loaded – front 33 % / rear 67 %

* Standard truck (less options), 100% fluids (fuel tanks, hydraulic tank, gears, suspensions, crankcase, coolant, grease and charged accumulators)

With optional 40.00 R57 tires	
Nominal Payload	222 t / 244 ton
Gross Vehicle Weight (GVW)	385 t / 424 ton
Chassis weight *	137 t / 151 ton
Body weight	26t / 29 ton
Weight distribution	Empty – front 50 % / rear 50 % Loaded – front 33 % / rear 67 %

* Standard truck (less options), 100% fluids (fuel tanks, hydraulic tank, gears, suspensions, crankcase, coolant, grease and charged accumulators)



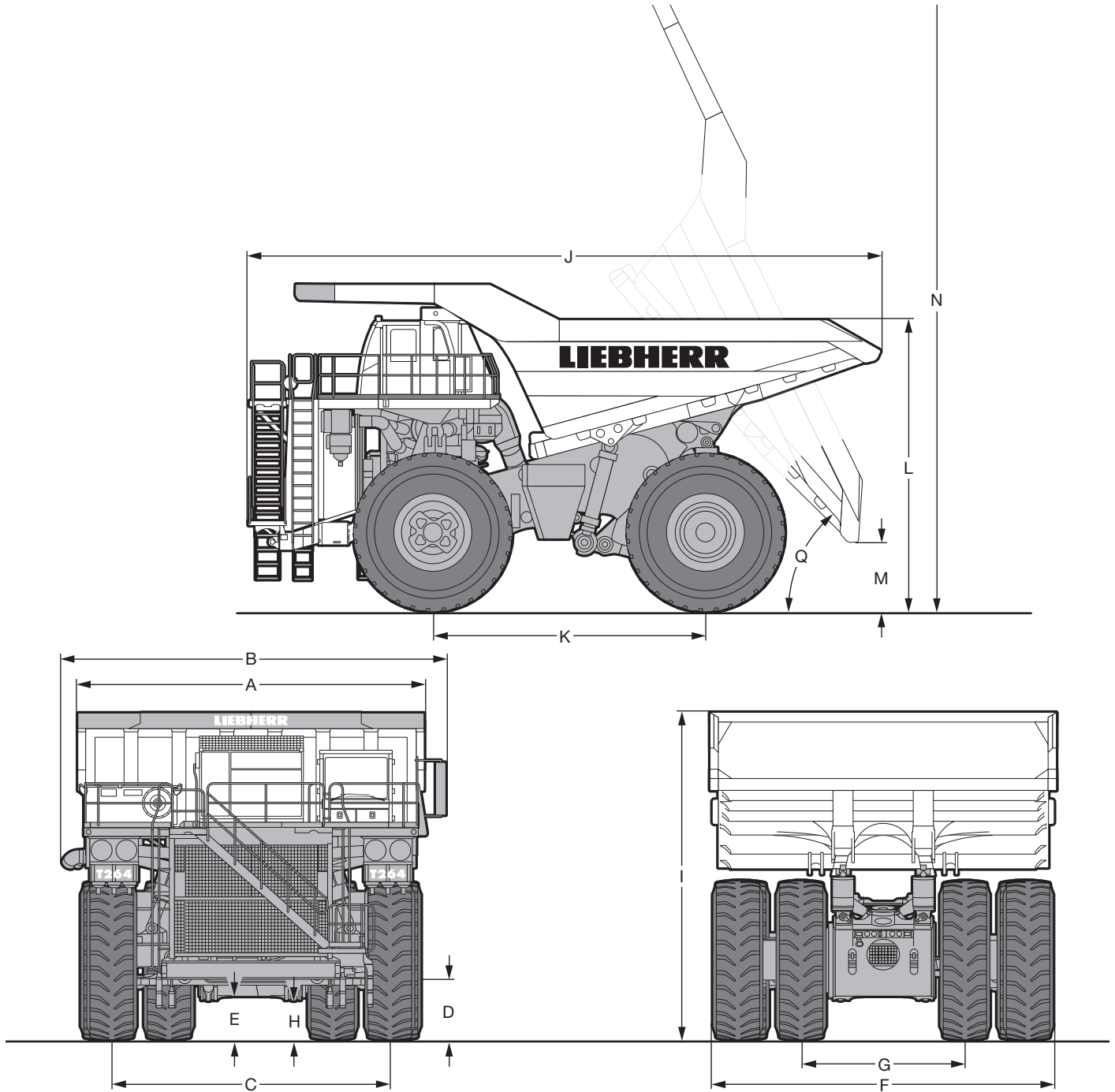
Fluid Capacities

Fuel tank	3,028 l / 800 gal
Hydraulic system (brake, steering and hoist)	
– Tank	969 l / 256 gal
– System	1,060 l / 280 gal
Planetary gear sets, each (2)	175 l / 46.2 gal
Front wheels, each (2)	52 l / 13.7 gal
Grease tank	55 kg / 120 lb

Technical Data



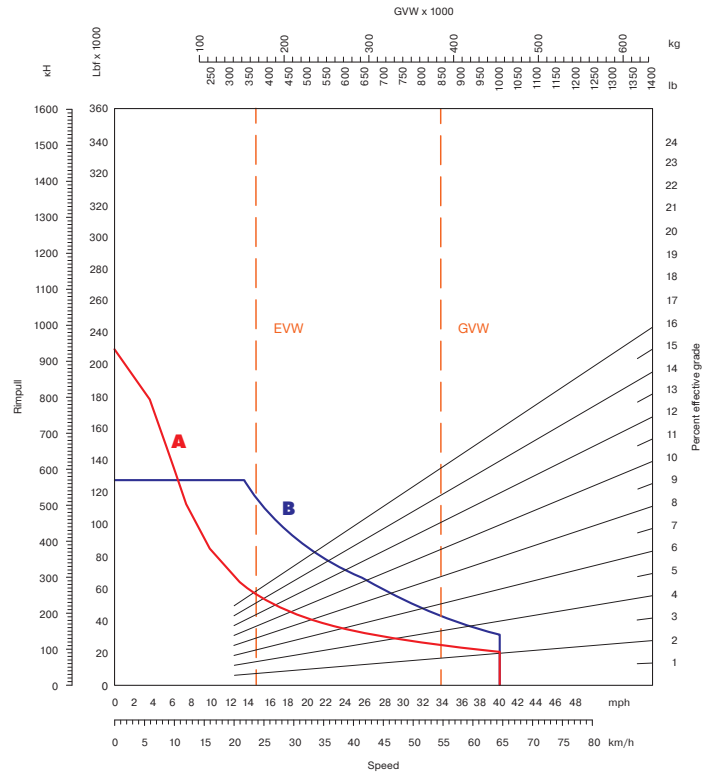
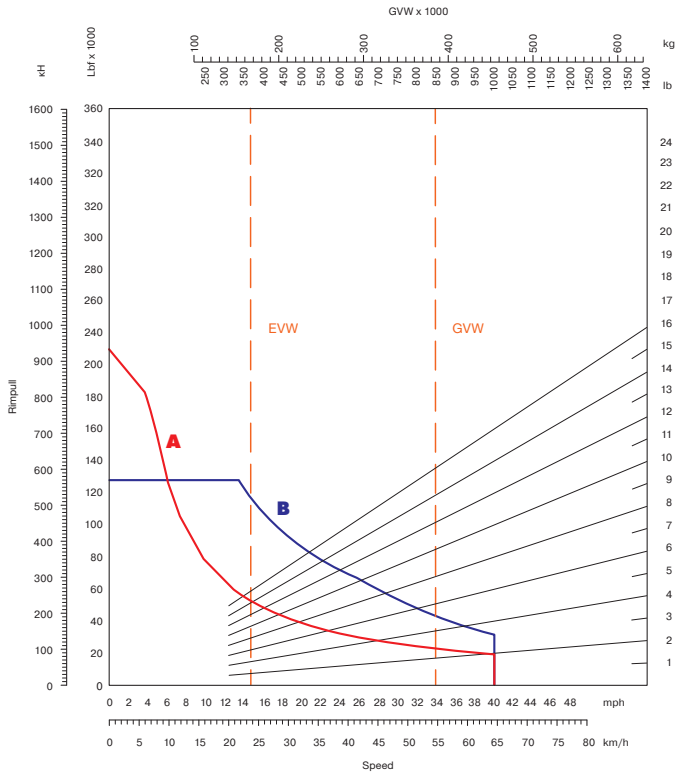
Dimensions



Dimensions		mm / ft in
A	Outside Body Width	7,841 mm / 25'7"
B	Overall Truck Width	8,621 mm / 28'3"
C	Centerline Front Tire Width	6,254 mm / 20'5"
D	Bumper Ground Clearance	1,149 mm / 3'8"
E	Crossmember Ground Clearance	1,036 mm / 3'4"
F	Overall Tire Width	7,632 mm / 25'0"
G	Centerline Rear Dual Width	3,670 mm / 12'0"

Dimensions		mm / ft in
H	Rear Axle Clearance	797 mm / 2' 6"
I	Front Canopy Height	7,171 mm / 23' 5"
J	Overall Truck Length	14,197 mm / 46' 6"
K	Wheelbase	6,119 mm / 20' 1"
L	Loading Height	6,280 mm / 20' 6"
M	Dump Clearance	1,321 mm / 4' 3"
N	Body Raised Height	14,005 mm / 45'10"

Performance Curves



Performance Chart Parameters

Gross Power _____ 1,864 kW / 2,500 HP (A)
 Net Power _____ 1,816 kW / 2,435 HP (A)
 Tire Size _____ 46/90 R57
 Gear Ratio _____ 32.4 to 1
 Reference Curves _____ A: Propulsion 1,864 kW / 2,500 HP
 B: Dynamic Braking (Retard)

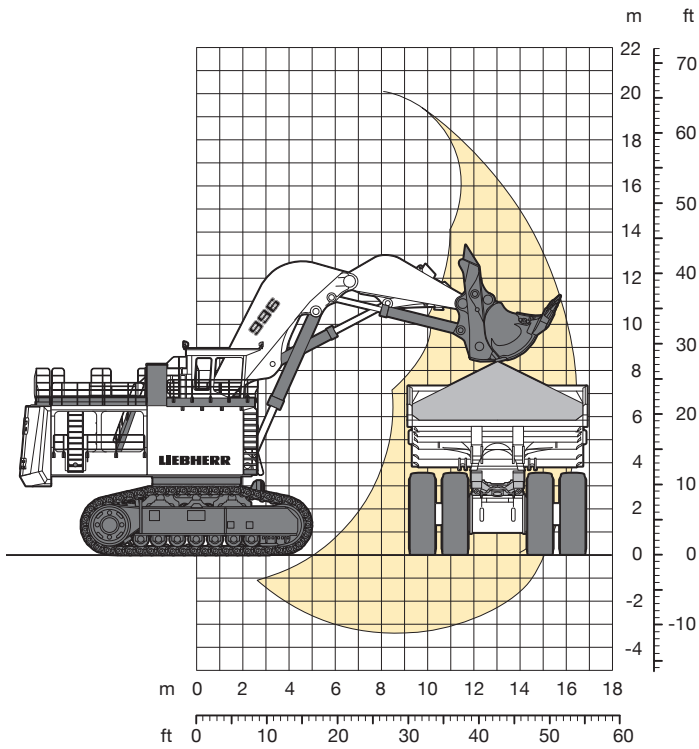
Note
 The propulsion curve is calculated using net horsepower, therefore site specific and climatic variables will have an effect on the parasitic loss estimations.

Performance Chart Parameters

Gross Power _____ 2,013 kW / 2,700 HP (A)
 Net Power _____ 1,965 kW / 2,635 HP (A)
 Tire Size _____ 46/90 R57
 Gear Ratio _____ 32.4 to 1
 Reference Curves _____ A: Propulsion 2,013 kW / 2,700 HP
 B: Dynamic Braking (Retard)

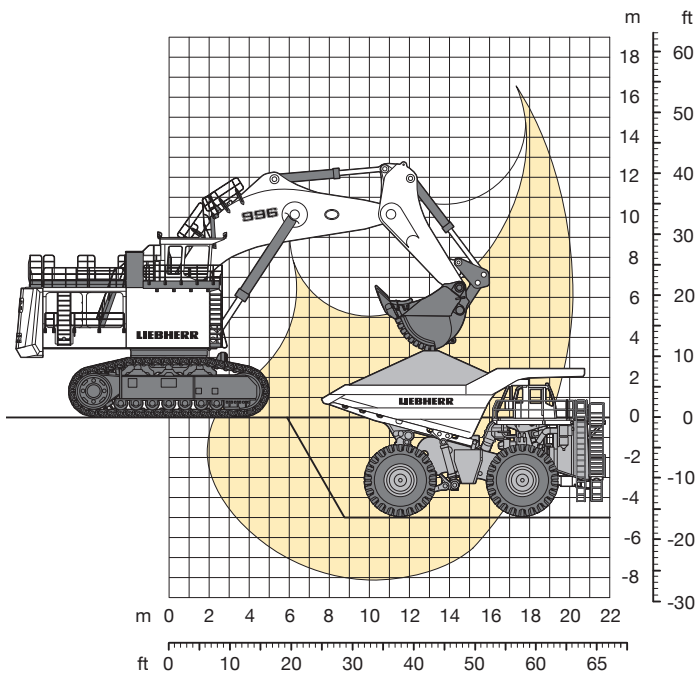
Note
 The propulsion curve is calculated using net horsepower, therefore site specific and climatic variables will have an effect on the parasitic loss estimations.

Loading Charts



T 264 mining truck loaded by the Liebherr R 996 B hydraulic excavator in face shovel configuration

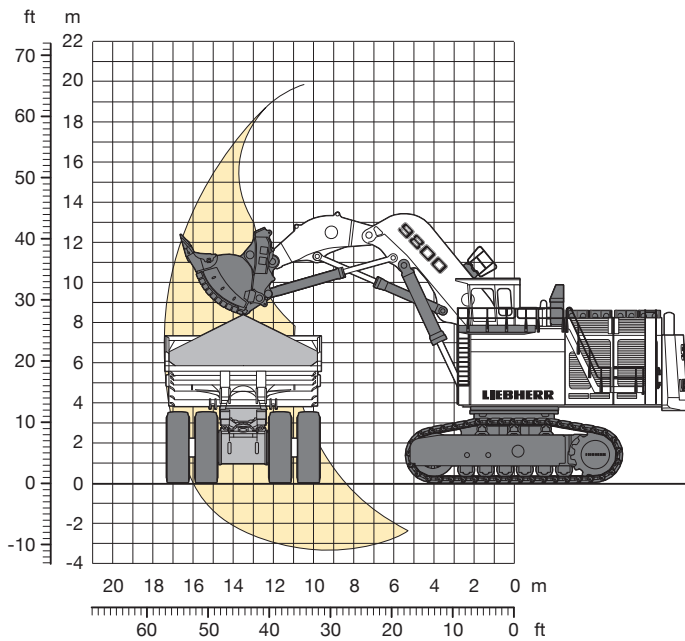
Maximum dump height	12.9 m/42'3"
Truck loading height	6.3 m/20'8"
Passes to fill (given a 1.8 t/m ³ density at 95% bucket fill factor)	4 passes



T 264 mining truck loaded by the Liebherr R 996 B hydraulic excavator in backhoe configuration

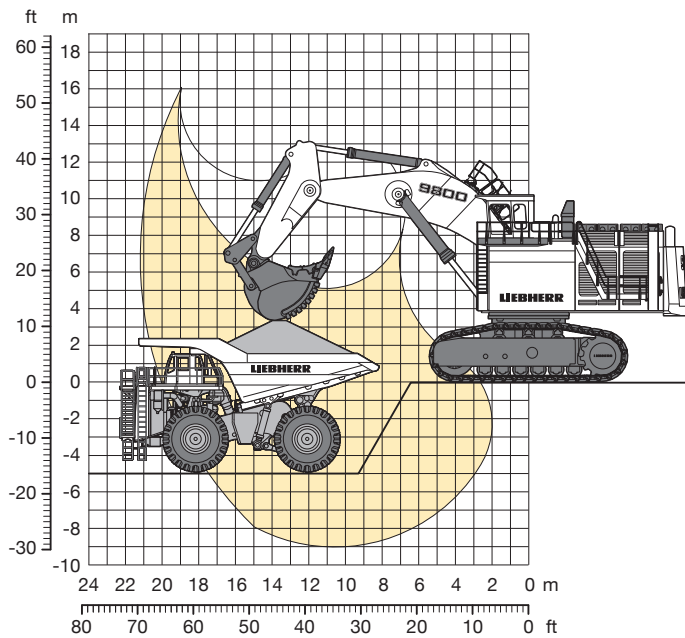
Maximum dump height	10.7 m/34'11"
Truck loading height	6.3 m/20' 8"
Passes to fill (given a 1.8 t/m ³ density at 95% bucket fill factor)	4 passes

Loading Charts



T 264 mining truck loaded by the Liebherr R 9800 hydraulic excavator in face shovel configuration

Maximum dump height	13 m / 42'6"
Truck loading height	6.3 m / 20'8"
Passes to fill (given a 1.8 t/m ³ density at 95% bucket fill factor)	3 passes



T 264 mining truck loaded by the Liebherr R 9800 hydraulic excavator in backhoe configuration

Maximum dump height	10.9 m / 35'9"
Truck loading height	6.3 m / 20'8"
Passes to fill (given a 1.8 t/m ³ density at 95% bucket fill factor)	3 passes

Standard Equipment



Standard Equipment

Engine

Air cleaner dust ejectors – automatic
Air cleaners – two units with 2 elements per unit with electronic restriction monitoring in cab
Engine “roll over” protection switch
Exhaust – side-mounted mufflers with insulated exhaust pipes
Fan clutch – variable speed, temperature controlled
Fuel/water separator
Oil centrifuge filter
Pre-lube – pre-start engine oil pressurization to reduce dry engine turnover
Primary and secondary fuel filters
Radiator – L & M (Mesabi) flexible core, with center-mounted level gauge on front face of surge tank
Roll out power module – engine, main alternator and hydraulic pump directly mounts to frame using removable tool system
Starter – electric

24 V Electrical

Batteries – 6 x 12 Volt (3 series of 2), 1,300 CCA each at -18°C (0°F, 1,560 CCA at 0°C (32°F))
Battery box lockouts – ground level, battery, propel and starter (single pole)
Electrical system – 24 VDC with circuit breaker protection
Engine Shutdown Switch – in-cab and ground level

Operator Environment

Climate control – combined heater and air conditioner w/multiple air ducts and filtered air
Cup holder – 2 center console mounted
Diagnostics interface – CANopen, Ethernet, Wi-Fi, USB
Display screen – dimmable color touch screen w/operator information and warning
Dual overhead LED dome lights that illuminate when the door is opened
Integrated ROPS (ISO 3471:2008) and FOPS (ISO 3449:2005, Level II)
Mirrors – drivers side (flat), offside (convex) and access ladder (convex)
Power outlets – 2 x 120V AC
Power windows – driver and passenger
Pressurized cab – with fan on
Radio ready – wiring, speakers and DIN fitting
Seat belt – high visibility orange 3 point 2 inch wide
Seats – fully adjustable driver and passenger heated seats with air suspension
Speedometer – km/h / mph
Steering wheel – tilting and telescopic with horn and wiper control
Storage shelves and storage compartment located behind seats
Sun visors – 2 windshield sun visors and 1 driver's door pull down blind
Windows – tempered and tinted glass 6.3 mm
Windshield – laminated safety glass and tinted 9.5 mm
Wipers – two speed electric and intermittent with dual wiper arms

AC Drive System and Controls

Anti-roll back – in forward and reverse
Brakes – dynamic braking w/automatic hydraulic brake blending and hydraulic service brakes
Gear assembly – Liebherr gears and wheel motors
Gear ratio – 32.4:1
Grid box – resistor grid control system and constant AC grid box blower motor
Litronic Plus control cabinet – IGBT technology, liquid cooled, pressurized, filtered air inlet, ground fault warning and detection
Traction control system with four-wheel speed sensing

Lighting

Access lights – 3 ladder, 1 superstructure
Brake warning lights (cab mounted external) – forward facing retard and service brake (LED)
Headlights – 4 x high beam, 4 x low beam (LED)
Reverse lights – 2 x axle box, 1 x driver's side superstructure (LED)
Service lights – 2 x engine bay, 2 x axle box (LED)
Truck lights – tail, brake, retarder and clearance/directional indicators

Other

Access ladders – 45° diagonal stair (drivers side access) with two side ladders w/flexible step
Accumulators (Certified)
Steering (2 x 88 l / 23.2 gal) Rear Brake Supply (1 x 7.6 l / 2 gal) Front Brake Supply (1 x 27 l / 7.1 gal) Rear Brake Pilot (1 x 4 l / 1 gal) Front Brake Pilot (1 x 4 l / 1 gal) Pump control (7.6 l / 2 gal)
Axle box – dual entry service access and rear air exhaust
Centralized service station – ground level, driver side, with fuel gauge and pressureless fast fill system.
Color – white / gray
Fall protection – multiple personnel tie off points
Fluid sampling – multi-sampling ports close to components
Grease system – automatic lubrication system
Hydraulic coolers – 1 x hoist system, 1 x HVAC system, 2 x final drive gear oil
Hydraulic filters – high pressure for brake, steering and hoist w/electronic monitoring
LED payload display – 2 x superstructure mounted
Mud flaps – front and rear of fuel tanks, superstructure and battery control box
Park brake – spring applied pressure release
Recovery system – auxiliary connectors for brake, steering and hoist “buddy system”
Reverse alarm
Rims – bolt on, 2 x double gutter, 4 x single gutter
Rock ejectors – bar type
Service access ladders – right and left engine bay ladders w/ flexible steps
Shut off valves – brake/steering and hoist w/electronic monitoring
Sight gauges – hydraulic tank, radiator, control box and front wheel hub
Towing points – front, rear and center tow haul receptacle

Optional Equipment



Optional Equipment

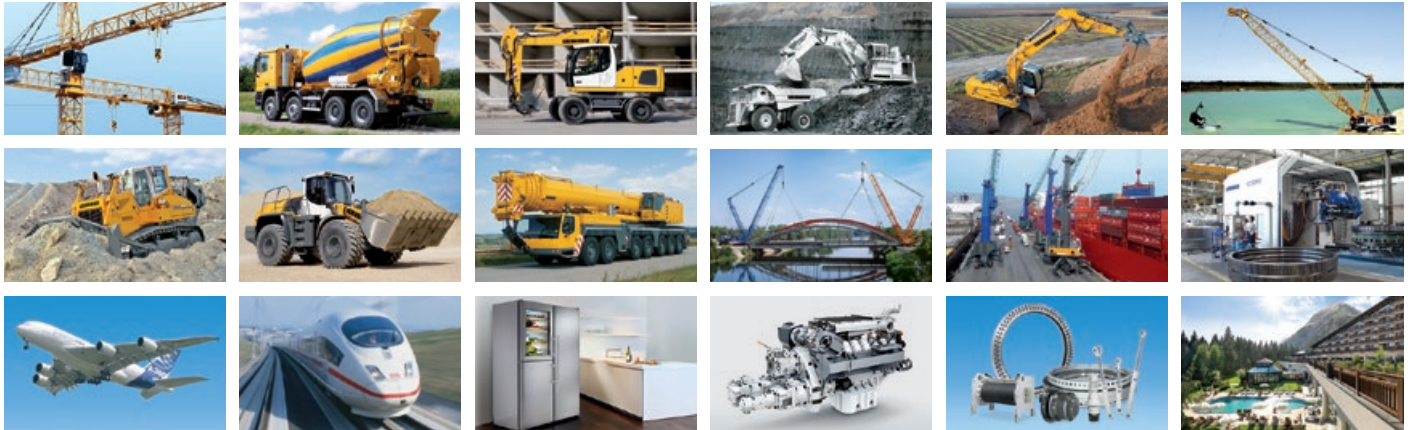
Access stair – powered retractable stair to main diagonal stairway
*Advanced camera system – multi-view, integrated into dashboard touchscreen
Battery box lockouts – ground level, battery (double pole), propel and starter (single pole)
Blue Truck identifier light (power on) – grill mounted
Brake covers – 2 x front wheel
Centered dashboard gauge panel in metric and imperial
Cold climate – diesel type engine heater, w/automatic control
Color – Liebherr yellow / grey
Curb / berm cornering lights (LED) – forward facing, superstructure mounted (DS and ODS)
Dump body – liners, heated, tailgates, rock deflectors
Dump body raise limit – 45° kick out switch
*Fatigue monitoring system
Fire suppression systems
Fog lights (HID) – 4 x bumper mounted
Fuel tanks (4,921 l / 1,300 Gal)
Grill illumination light (LED)
Heated mirrors

*High altitude package (HAP)
Hill cresting lights (LED) – 2 x top grill mounted
Hydraulic return line filtration (3 x hydraulic filters)
Multiple language decals
Overspeed light – externally mounted blue strobe on top of cab
Park brake off / truck in neutral warning light (LED) – externally mounted on top of cab
*Proximity awareness – camera and radar system integrated into dashboard touchscreen
Quick fill connection (Fuel) – 568 lpm / 150 gpm, 757 lpm / 200 gpm
Reverse light (LED) – off driver's side superstructure
Rock ejectors – chain type
Service lights – 2 x rear engine bay
*Sound attenuation package
*Trolley capable
Undercarriage protection – engine belly pans

Standard and optional equipment are subject to change at manufacturer's discretion.
Please contact your local representative for further information.

*Consult factory for further details

The Liebherr Group of Companies



Wide Product Range

The Liebherr Group is one of the largest construction equipment manufacturers in the world. Liebherr's high-value products and services enjoy a high reputation in many other fields. The wide range includes domestic appliances, aerospace and transportation systems, machine tools and maritime cranes.

Exceptional Customer Benefit

Every product line provides a complete range of models in many different versions. With both their technical excellence and acknowledged quality, Liebherr products offer a maximum of customer benefits in practical application.

State-of-the-art Technology

To provide consistent, top quality products, Liebherr attaches great importance to each product area, its components and core technologies. Important modules and components are developed and manufactured in-house, for instance the entire drive and control technology for construction equipment.

Worldwide and Independent

Hans Liebherr founded the Liebherr family company in 1949. Since that time, the enterprise has steadily grown to a group of more than 130 companies with over 38,000 employees located on all continents. The corporate headquarters of the Group is Liebherr-International AG in Bulle, Switzerland. The Liebherr family is the sole owner of the company.

www.liebherr.com

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