

Wheel loaders for cost-effective tunnelling operations

L 550 - L 576

Xpower®

Xpower®

Generation

6

Tipping load

13,000 – 17,900 kg

Diesel engine

Stage V

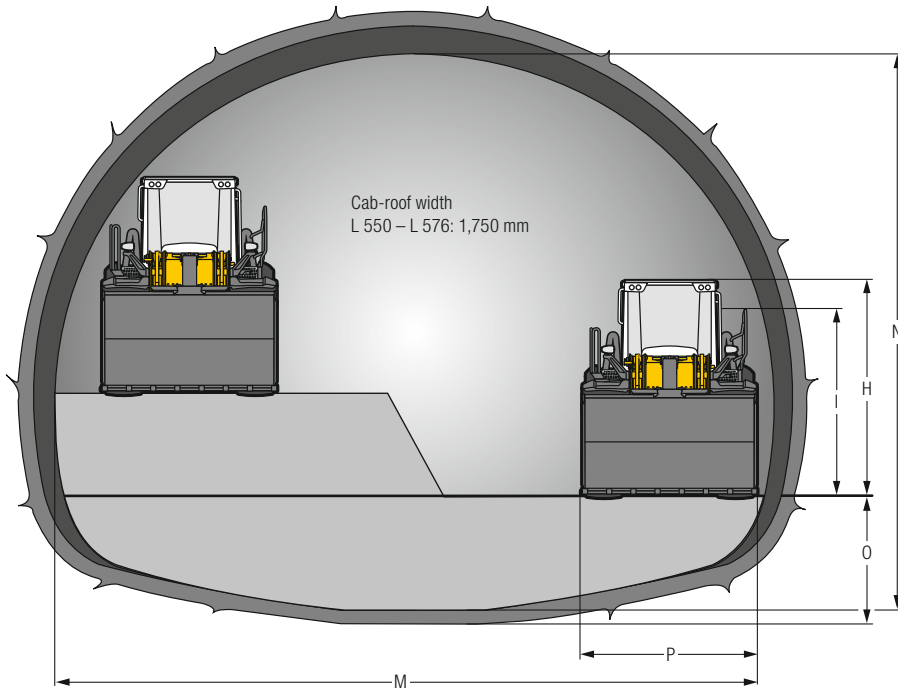
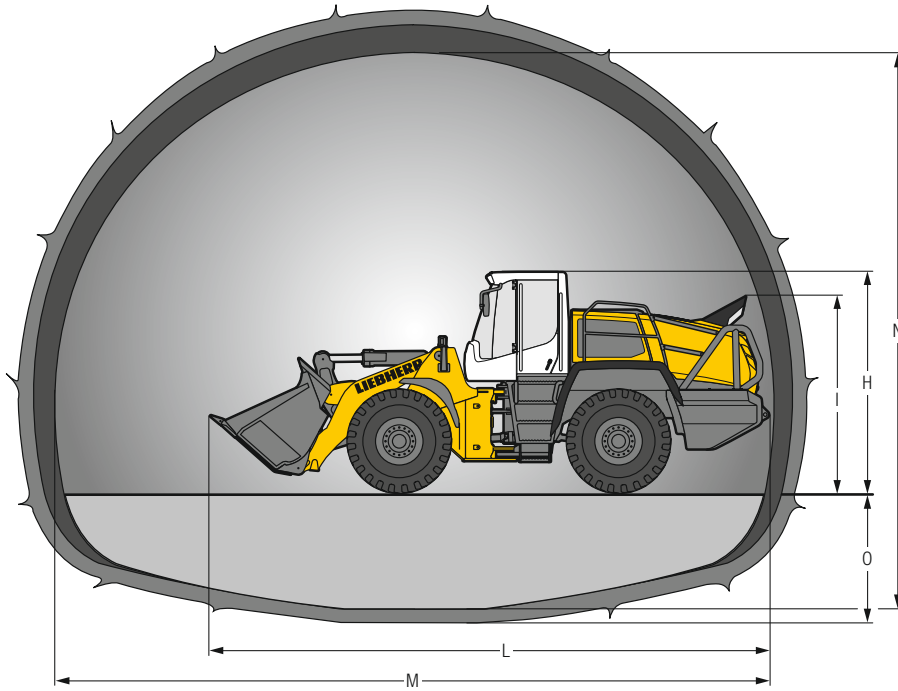
Stage IV – only for select markets



LIEBHERR

2-Lane Motorway Tunnel

L 550 – L 576



| | | L 550 | L 556 | L 566 | L 576 |
|----------|----|--------------|--------------|--------------|--------------|
| H | mm | 3,370 | 3,370 | 3,590 | 3,590 |
| I | mm | 3,020 | 3,020 | 3,200 | 3,200 |
| L | mm | 8,500 | 8,550 | 9,280 | 9,560 |
| M | mm | 12,300 | 12,300 | 12,300 | 12,300 |
| N | mm | 9,450 | 9,450 | 9,450 | 9,450 |
| O | mm | 2,100 | 2,100 | 2,100 | 2,100 |
| P | mm | 2,880 | 2,880 | 3,000 | 3,000 |

The stated values are with HD-bucket.

Technical Data



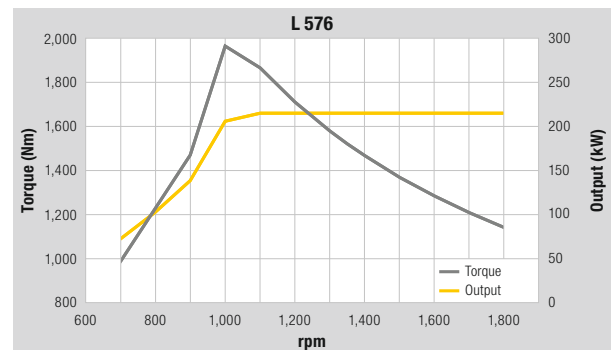
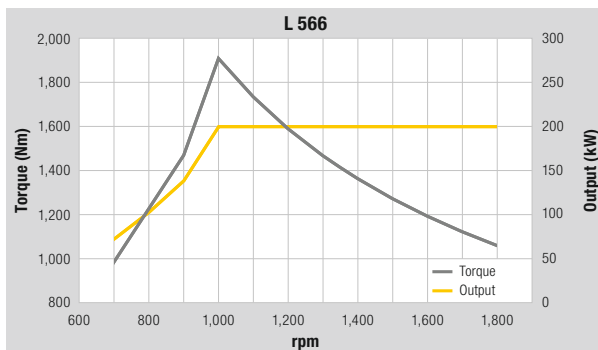
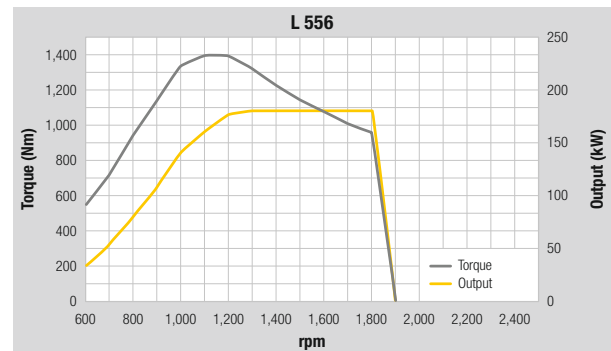
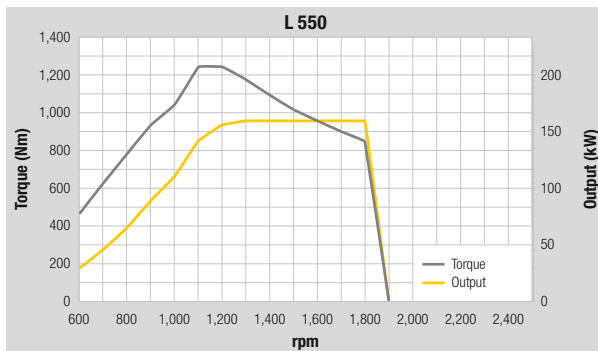
Diesel engine

| | L 550 | L 556 | L 566 | L 576 |
|--|--|---------------|---------------|---------------|
| Diesel engine | D934 A7 | D944 A7 | D936 A7 | D936 A7 |
| Design | Water-cooled in-series engine with charge-air cooling | | | |
| Cylinder inline | 4 | 4 | 6 | 6 |
| Fuel injection process | Electronic Common Rail high-pressure injection | | | |
| Output to 9249 / ECE-R.24 | kW/HP 160/218 at RPM 1,800 | 180/245 1,800 | 200/272 1,800 | 215/292 1,800 |
| Rated output to ISO 14396 / ECE-R.120 | kW/HP 163/222 at RPM 1,800 | 183/249 1,800 | 203/276 1,800 | 218/296 1,800 |
| Nominal speed | at RPM 1,800 | | | |
| Max. torque to ISO 14396 / ECE-R.120 | Nm 1,248 at RPM 1,100 | 1,403 1,150 | 1,914 1,000 | 1,969 1,000 |
| Displacement | Liter 7.014 | | | |
| Bore/Stroke | mm 122/150 130/150 122/150 122/150 | | | |
| Stage IV – available only in select markets | | | | |
| Harmful emission values | According to regulation ECE-R.96 Power Band Q | | | |
| Emission control | Liebherr-SCR technology | | | |
| Fuel tank | litres 280 | 280 | 365 | 365 |
| Stage V | | | | |
| Harmful emission values | According to regulation (EU) 2016/1628 | | | |
| Emission control | Liebherr-SCR technology and closed diesel particle filter system | | | |
| Air cleaner system | | | | |
| | Dry type filter with main and safety element, pre-cleaner, service indicator on the Liebherr display | | | |
| Electrical system | | | | |
| Operating voltage | V 24 | 24 | 24 | 24 |
| Battery | Ah 2 x 140 | 2 x 140 | 2 x 180 | 2 x 180 |
| Alternator | V/A 28/140 | 28/140 | 28/180 | 28/180 |
| Starter | V/kW 24/7.8 | 24/7.8 | 24/7.8 | 24/7.8 |



Driveline

| Continuous power split XPower® driveline | |
|---|--|
| Design | Continuous, fully-automatic XPower® driveline. No traction interruptions across the entire speed range. Hydrostatic power split with two axial piston units. Identical driving performance – forwards and in reverse |
| Filtration | Filter system for driveline, depend on working hydraulics |
| Control | Driveline is controlled from travel pedal for tractive force and speed setting with integrated inch function. The Liebherr control lever is used to control forward and reverse travel |
| Travel speed range | 0 – 40 km/h forward and reverse, fully-automatic. Speed restriction available upon request. Speeds quoted apply with the tyres indicated as standard on loader model. |



Technical Data

Axles

| | L 550 | L 556 | L 566 | L 576 |
|--|--|-------|-------|-------|
| Four-wheel drive | | | | |
| Front axle | Fixed | | | |
| Rear axle | Centre pivot, with 13° oscillating angle to each side | | | |
| Height of obstacles which can be driven over | mm 460 | 442 | 492 | 473 |
| | with all four wheels remaining in contact with the ground | | | |
| Differentials | Automatic limited-slip differentials | | | |
| Reduction gear | Planetary final drive in wheel hubs | | | |
| Track width | 2,003 mm with all types of tyres (L 550, L 556) 2,230 mm with all types of tyres (L 566, L 576) | | | |

Brakes

| | |
|--------------------------------|---|
| Wear-free service brake | Self-locking of the XPower® driveline (acting on all four wheels) and additional pump-accumulator brake system with wet multi-disc brakes (two separate brake circuits) |
| Parking brake | Electro-hydraulically actuated spring-loaded disc brake system on the transmission |

The braking system meets the requirements of the ISO 3450.

Steering

| | |
|------------------------------|--|
| Design | “Load-sensing” swash plate type variable flow pump with pressure cut-off and flow control. Central pivot with two double-acting, damped steering cylinders |
| Angle of articulation | 40° to each side (L 550, L 556) 38° to each side (L 566, L 576) |
| Emergency steering | Electro-hydraulic emergency steering system |

Attachment Hydraulics

| | L 550 | L 556 | L 566 | L 576 |
|-------------------------|--|-------|-------|-------|
| Design | “Load-sensing” swash plate type variable flow pump with output and flow control, and pressure cut-off in the control block | | | |
| Cooling | Hydraulic oil cooling using thermostatically controlled fan and oil cooler | | | |
| Filtration | Return line filter in the hydraulic reservoir | | | |
| Control | Liebherr control lever, electro-hydraulically operated | | | |
| Lifting function | Lifting, neutral, lowering Automatic hoisting and lowering by Liebherr control lever, float position controlled by Liebherr control lever | | | |
| Tilt function | Tilt back, neutral, dump Automatic bucket return for tilting back and dumping controlled by Liebherr control lever | | | |
| Max. flow | l/min. 234 | 290 | 290 | 290 |
| Max. pressure | | | | |
| Z-bar linkage | bar 350 | 350 | 350 | 380 |

Attachment

| | L 550 | L 556 | L 566 | L 576 |
|-----------------------------------|---|-------|-------|-------|
| Geometry variants | Powerful Z-bar linkage with tilt cylinder and cast steel cross-tube | | | |
| Bearings | Sealed | | | |
| Cycle time at nominal load | ZK | ZK | ZK | ZK |
| Lifting | s 5.4 | 5.4 | 6.1 | 6.1 |
| Dumping | s 1.0 | 1.0 | 1.2 | 1.2 |
| Lowering (empty) | s 2.9 | 2.9 | 3.2 | 3.2 |

Operator's Cab

| | |
|------------------------------------|---|
| Design | Hydraulically mounted, noise-proof special cab with lamp carrier and a/c-box in metal with ROPS roll over protection per EN ISO 3471 / EN 474-1 FOPS falling objects protection per EN ISO 3449 / EN 474-1, Cat. II Operator's door with sliding side window, sliding side window on right, front windscreen made of armoured glass (tripleglazed flat composite safety glass to EN 1063 BR4 and EN 356 P6B), side panels with single-pane safety glass ESG, heated rear window ESG, all windows are tinted. 3 way continuous adjustable steering column |
| Liebherr operator's seat | 6 way adjustable, vibration-damped operator's seat “Comfort” with seat, depth and incline adjustment as standard (air-cushioned with seat heating adjustable to operator's weight), Liebherr control lever mounted into the operator's seat as standard |
| Cab heating and ventilation | 4-zone air conditioning with improved cooling output as standard, electrically heated rear window, all filters are easy to access and replaceable |

Vibration emissions:

| | |
|-----------------------|------------------------|
| Hand-arm vibrations | m/s ² ≤ 2.5 |
| Whole-body vibrations | m/s ² ≤ 0.5 |

Sound Level

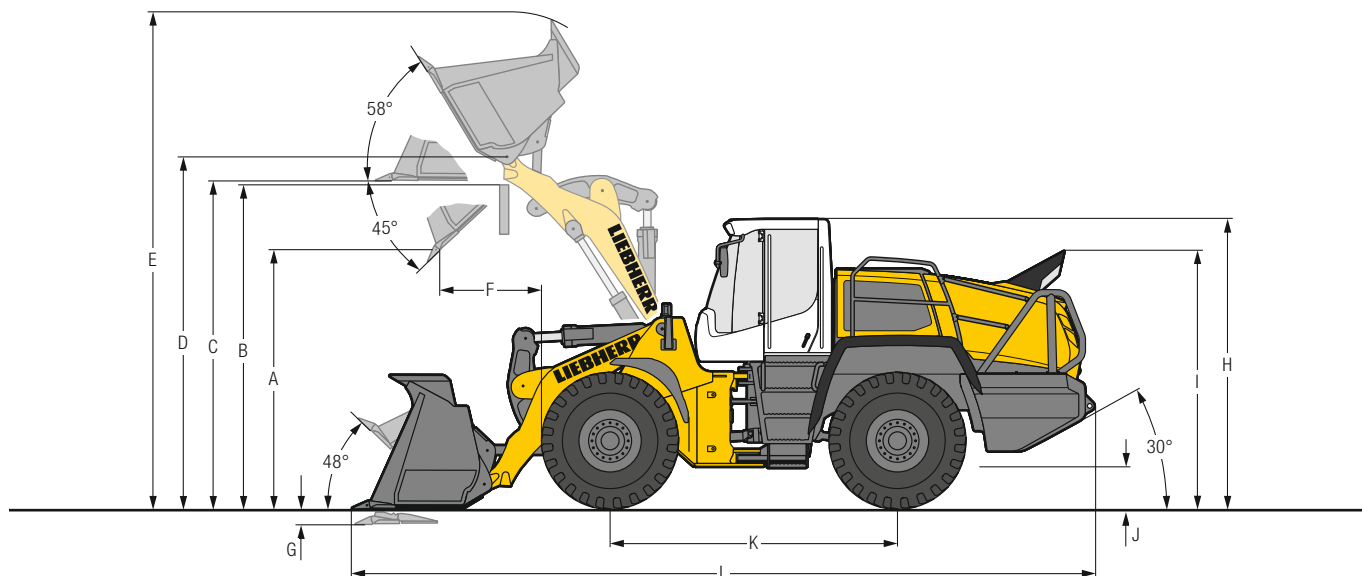
| | L 550 | L 556 | L 566 | L 576 |
|---|-----------|-------|-------|-------|
| Sound pressure level to ISO 6396 | | | | |
| L _{pA} (inside cab) | dB(A) 68 | 68 | 68 | 68 |
| Sound power level to 2000/14/EC | | | | |
| L _{WA} (surround noise) | dB(A) 104 | 104 | 105 | 105 |

Capacities

| | L 550 | L 556 | L 566 | L 576 |
|---|---------|-------|-------|-------|
| Fuel tank | l 280 | 280 | 365 | 365 |
| DEF tank | l 67.5 | 67.5 | 67.5 | 67.5 |
| Engine oil (inclusive filter change) | l 26 | 26 | 42 | 42 |
| Pump distribution gearbox | l 1.2 | 1.2 | 1.2 | 1.2 |
| XPower® gearbox | l 53 | 53 | 55 | 55 |
| Coolant | l 67 | 67 | 73 | 73 |
| Front axle | l 35 | 42 | 42 | 58 |
| Rear axle | l 35 | 35 | 42 | 42 |
| Hydraulic tank | l 105 | 105 | 105 | 105 |
| Hydraulic system, total | l 175 | 180 | 190 | 190 |
| Air conditioning system R134a | g 1,250 | 1,250 | 1,250 | 1,250 |

Dimensions

Z-bar Linkage



Loading Bucket



| | L 550 | | L 556 | | L 566 | | L 576 | | |
|---|------------------|------------|--------|--------|--------|--------|--------|--------|--|
| | ZK | ZK | ZK | ZK | ZK | ZK | ZK | ZK | |
| Geometry | ZK | ZK | ZK | ZK | ZK | ZK | ZK | ZK | |
| Cutting tools | T+BOCE | ROB | T+BOCE | ROB | T+BOCE | ROB | T+BOCE | ROB | |
| Lift arm length | mm | 2,700 | 2,700 | 2,700 | 2,920 | 2,920 | 3,050 | 3,050 | |
| Bucket capacity according to ISO 7546 ** | m ³ | 3.4 | 3.1 | 3.7 | 3.4 | 4.2 | 3.7 | 4.7 | |
| Specific material density | t/m ³ | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | 1.8 | |
| Bucket width | mm | 2,880 | 2,880 | 2,880 | 2,880 | 3,000 | 3,230 | 3,000 | |
| A Dumping height at max. lift height and 45° discharge | mm | 3,020 | 3,090 | 2,970 | 3,020 | 3,205 | 3,130 | 3,355 | |
| B Dump-over height | mm | 3,700 | 3,700 | 3,700 | 3,700 | 3,900 | 3,900 | 4,100 | |
| C Max. height of bucket bottom | mm | 3,875 | 3,875 | 3,875 | 3,875 | 4,050 | 4,050 | 4,270 | |
| D Max. height of bucket pivot point | mm | 4,150 | 4,150 | 4,150 | 4,150 | 4,360 | 4,360 | 4,580 | |
| E Max. operating height | mm | 5,785 | 5,725 | 5,855 | 5,785 | 6,120 | 5,900 | 6,440 | |
| F Reach at max., lift height and 45° discharge | mm | 1,025 | 990 | 1,075 | 1,025 | 1,190 | 1,270 | 1,135 | |
| G Digging depth | mm | 80 | 80 | 80 | 80 | 100 | 100 | 100 | |
| H Height above operator's cab | mm | 3,370 | 3,370 | 3,370 | 3,370 | 3,590 | 3,590 | 3,590 | |
| I Height above exhaust | mm | 3,020 | 3,020 | 3,020 | 3,020 | 3,200 | 3,200 | 3,200 | |
| J Ground clearance | mm | 490 | 490 | 490 | 490 | 535 | 535 | 540 | |
| K Wheelbase | mm | 3,500 | 3,500 | 3,500 | 3,500 | 3,560 | 3,560 | 3,630 | |
| L Overall length | mm | 8,555 | 8,475 | 8,625 | 8,555 | 9,280 | 9,380 | 9,560 | |
| Turning circle radius over tyres | mm | 6,160 | 6,160 | 6,160 | 6,160 | 6,700 | 6,700 | 6,790 | |
| Turning circle radius over outside bucket edge | mm | 6,840 | 6,820 | 6,860 | 6,840 | 7,380 | 7,400 | 7,540 | |
| Breakout force (SAE) | kN | 165 | 160 | 175 | 170 | 200 | 185 | 200 | |
| Tipping load, straight * | kg | 14,750 | 14,550 | 16,250 | 16,050 | 18,500 | 18,000 | 20,500 | |
| Tipping load, fully articulated * | kg | 13,000 | 12,750 | 14,250 | 14,000 | 16,200 | 15,700 | 17,900 | |
| Operating weight * | kg | 19,500 | 19,740 | 20,550 | 20,780 | 25,300 | 25,600 | 26,900 | |
| Tyre size | | 23.5R25 L5 | | | | 20,780 | | | |

* The figures shown include the above tyres, all lubricants, a full fuel tank, the ROPS/FOPS cab and the operator. Different tyres and optional equipment will change the operating weight and tipping load. (Tipping load, fully articulated according to ISO 14397-1)

** Actual bucket capacity may be approx. 10% larger than the calculation according to ISO 7546 standard. The degree to which the bucket can be filled depends on the material.



= HD-bucket with teeth and bolt-on cutting edge with straight base for direct mounting



= Rock bucket with oblique base for direct mounting

ZK = Z-bar linkage

T+BOCE = Welded-on tooth holder with add-on teeth and bolt-on cutting edge

ROB = Rock bucket with delta cutting edge, welded-on tooth holder with add-on teeth and bolted intermediate sections

Bucket Selection

Bulk Material Densities and Bucket Filling Factors

| | | t/m ³ | % | | | t/m ³ | % | | | t/m ³ | % |
|------------------------|---------------|------------------|-----|------------------|---------------|------------------|-----|----------------------------|---------------------------|------------------|-----|
| Gravel | moist | 1.9 | 105 | Earth | dry | 1.3 | 115 | Glass waste | broken | 1.4 | 100 |
| | dry | 1.6 | 105 | | wet excavated | 1.6 | 110 | | solid | 1.0 | 100 |
| | crushed stone | 1.5 | 100 | Topsoil | | 1.1 | 110 | Compost | dry | 0.8 | 105 |
| Sand | dry | 1.5 | 105 | Basalt | | 1.95 | 100 | | wet | 1.0 | 110 |
| | wet | 1.9 | 110 | Granite | | 1.8 | 95 | Wood chips/Saw dust | | 0.5 | 110 |
| Gravel and Sand | dry | 1.7 | 105 | Sandstone | | 1.6 | 100 | Paper | shredded/loose | 0.6 | 110 |
| | wet | 2.0 | 100 | Slate | | 1.75 | 100 | | recovered paper/cardboard | 1.0 | 110 |
| Sand/Clay | | 1.6 | 110 | Bauxite | | 1.4 | 100 | Coal | heavy material density | 1.2 | 110 |
| Clay | natural | 1.6 | 110 | Limestone | | 1.6 | 100 | | light material density | 0.9 | 110 |
| | dry | 1.4 | 110 | Gypsum | broken | 1.8 | 100 | Waste | domestic waste | 0.5 | 100 |
| Clay/Gravel | dry | 1.4 | 110 | Coke | | 0.5 | 110 | | bulky waste | 1.0 | 100 |
| | wet | 1.6 | 100 | Slag | broken | 1.8 | 100 | | | | |

Tyres



Tyre Types

| | Size and tread code | | Change of operating weight kg | Width over tyres mm | Change in vertical dimensions* mm | Use |
|------------------------------------|---------------------|----|-------------------------------|---------------------|-----------------------------------|--|
| L 550 XPower®/L 556 XPower® | | | | | | |
| Michelin | 23.5R25 XLD D2A L5 | L5 | 0 | 2.670 | 0 | Stone, Mining spoil (firm ground conditions) |
| Bridgestone | 23.5R25 VSDT L5 | L5 | 238 | 2.670 | 29 | Stone, Mining spoil (firm ground conditions) |
| Goodyear | 23.5R25 RT-5D L5 | L5 | 208 | 2.660 | 29 | Stone, Mining spoil (firm ground conditions) |
| L 566 XPower®/L 576 XPower® | | | | | | |
| Michelin | 26.5R25 XLD D2A L5 | L5 | 0 | 2.970 | 0 | Stone, Mining spoil (firm ground conditions) |
| Bridgestone | 26.5R25 VSDT L5 | L5 | 342 | 2.970 | 12 | Stone, Mining spoil (firm ground conditions) |
| Goodyear | 26.5R25 RT-5D L5 | L5 | 312 | 2.990 | 25 | Stone, Mining spoil (firm ground conditions) |

* The stated values are theoretical and may deviate in practice.

Before operating the vehicle with tyre foam filling or tyre protection chains, please discuss this with the Liebherr-Werk Bischofshofen GmbH.

Tipping Load



What is tipping load?

Load at centre of gravity of working equipment, so that the wheel loader just begins to tip over the front axle. This is the most unfavourable static-load position for the wheel loader. Lifting arms horizontal, wheel loader fully articulated at centre pivot.

Pay load.

The pay load must not exceed 50 % of the tipping load when articulated. This is equivalent to a static stability-margin factor of 2.0.

Bucket capacity.

The bucket volume is determined from the pay load.

$$\text{Pay load} = \frac{\text{Tipping load, articulated}}{2}$$

$$\text{Bucket capacity} = \frac{\text{Pay load (t)}}{\text{Specific bulk weight of material (t/m}^3\text{)}}$$

Protecting the environment can also earn you money!



Always in fuel saving mode with the Liebherr fuel-saving calculator

100 % power output with up to 30 % less fuel consumption – the Liebherr fuel saving calculator shows how much fuel can be saved compared to similar machines. The online application is available free of charge and provides a quick and simple overview of fuel savings per year in euros. The calculation is based on average fuel consumption, operating hours per year and the current fuel price. The potential savings when operating a Liebherr wheel loader are impressive – see for yourself!

| | Ø Litres / hour* |
|---------------------------------|------------------|
| L 526: 2.1 m³ | 6.2 |
| L 538: 2.6 m³ | 6.9 |
| L 546: 2.8 m³ | 7.0 |
| L 550: 3.4 m³ | 9.1 |
| L 556: 3.7 m³ | 9.9 |
| L 566: 4.2 m³ | 12.2 |
| L 576: 4.7 m³ | 12.8 |
| L 580: 5.2 m³ | 13.9 |
| L 586: 6.0 m³ | 16.5 |


* Wheel loader in operation with a customer-specific machine design. Averages data from LIDAT, calculated on 12.10.2021.



Find out right now how much fuel you can save!
www.encyplus.liebherr.com

Equipment

|  Basic Wheel Loader | L 550 | L 556 | L 566 | L 576 |
|---|-------|-------|-------|-------|
| Crash protection, rear | + | + | + | + |
| Automatic central lubrication system | + | + | + | + |
| Battery main switch (lockable) | • | • | • | • |
| Electronic tractive force regulation for difficult ground conditions | • | • | • | • |
| Travel light on front section LED | • | • | • | • |
| Travel light (with additional headlights) on front section LED | + | + | + | + |
| Ride control | • | • | • | • |
| Parking brake | • | • | • | • |
| Fire extinguisher 6 kg | • | • | • | • |
| Fluff trap for radiator | + | + | + | + |
| Speed limiter 20 km/h as a factory preset | + | + | + | + |
| Speed limiter V_{MAX} adjustable key on the control unit | • | • | • | • |
| DEF tank | • | • | • | • |
| Turbocharger insulation | + | + | + | + |
| Pre-heat system for cold starting | • | • | • | • |
| Rear license panel light | + | + | + | + |
| Combined inching-braking system | • | • | • | • |
| Fuel pre-filter | • | • | • | • |
| Fuel pre-filter with pre-heating | + | + | + | + |
| Large-mesh radiator | + | + | + | + |
| Cooling water pre-heating 230 V | + | + | + | + |
| Multi-disc limited slip differentials in both axles | • | • | • | • |
| Lamp carrier in steel design with guard | + | + | + | + |
| Lamp carrier in steel design with additional lights and guard | • | • | • | • |
| Liebherr biodegradable hydraulic oil | + | + | + | + |
| Liebherr-SCR technology incl. diesel particle filter | • | • | • | • |
| Reversible fan drive | + | + | + | + |
| Automatic delayed engine stop | + | + | + | + |
| Widening for mudguard | + | + | + | + |
| Ramming guard | • | • | • | • |
| Headlights halogen (double design on engine hood) | + | + | + | + |
| Headlights LED (double design on engine hood) | • | • | • | • |
| Auxiliary heater (Additional heating with engine preheating) | + | + | + | + |
| Dust protection for alternator | + | + | + | + |
| Lockable doors and engine hood | • | • | • | • |
| Chassis protection rear | + | + | + | + |
| Chassis protection front | + | + | + | + |
| Air pre-cleaner TOP AIR | • | • | • | • |
| Toolbox with toolkit | • | • | • | • |
| Liebherr weighing system with "Truck Payload Assist" (cannot be certified as a regulated weights and measure device) | + | + | + | + |
| Towing hitch | • | • | • | • |
| Additional handrails left | • | • | • | • |
| Additional handrails right | + | + | + | + |

|  Equipment | L 550 | L 556 | L 566 | L 576 |
|--|-------|-------|-------|-------|
| Working hydraulics lockout | • | • | • | • |
| Automatic bucket return programmable | • | • | • | • |
| Pressure relief for hydraulic additional function | • | • | • | • |
| Stroke limit damping | + | + | + | + |
| Automatic hoisting lowering programmable | • | • | • | • |
| Lift arm Z-bar linkage | • | • | • | • |
| Hydraulic quick hitch | + | + | + | + |
| Adjustable tipping speed | • | • | • | • |
| Tilt cylinder protection | • | • | • | • |
| Loading buckets incl. a range of cutting tools | + | + | + | + |
| Pipe break protection | + | + | + | + |
| Float position | • | • | • | • |
| Visualisation of the equipment position | • | • | • | • |
| 1st electro-hydraulic, proportional additional function, adjustable delivery flow | + | + | + | + |
| 2nd electro-hydraulic, proportional additional function, adjustable delivery flow | + | + | + | + |



Operator's Cab

L 550 L 556 L 566 L 576

| | L 550 | L 556 | L 566 | L 576 |
|---|-------|-------|-------|-------|
| Adapter plate for additional fastening on the multi-function rail | + | + | + | + |
| Adaptive working lighting | + | + | + | + |
| Access assistance to facilitate cleaning windscreen | • | • | • | • |
| Exterior mirror, electrical adjustable, with heating | + | + | + | + |
| Exterior mirror, tiltable and adjustable | • | • | • | • |
| Operating hour meter (integrated in display unit) | • | • | • | • |
| Operating hour meter (mechanic) | + | + | + | + |
| Electronical theft protection with code | + | + | + | + |
| Electronical theft protection with key with/without driver identification | + | + | + | + |
| Storage box left | • | • | • | • |
| Operator's cab without steering wheel/steering column (not available as street legal) – joystick steering only | + | + | + | + |
| Operator seat "Comfort" – pneumatic suspension with seat heating | • | • | • | • |
| Operator seat "Premium" – active air-suspension with seat air-condition, seat heating and headrest | + | + | + | + |
| Particle filter F7 | • | • | • | • |
| Fire extinguisher in cab 2 kg | + | + | + | + |
| Rear window heated electrically | • | • | • | • |
| Audible horn control integrated into Liebherr control lever | + | + | + | + |
| Interior mirror right | • | • | • | • |
| Interior mirror left and right | + | + | + | + |
| Integral tyre pressure monitoring system | + | + | + | + |
| Joystick steering | + | + | + | + |
| Floor mat | • | • | • | • |
| Clothes hooks (2 pieces) | • | • | • | • |
| Air conditioning system | • | • | • | • |
| Automatic air conditioning system | + | + | + | + |
| Cool box | + | + | + | + |
| 3 way continuously adjustable steering column (height-adjustable, tilting, folding) | • | • | • | • |
| Steering stabilisation | • | • | • | • |
| LiDAT total use 1 year (for free) | • | • | • | • |
| Liebherr control lever with mini-joystick for 1st and 2nd electro-hydraulic, proportional additional function moving with operator's seat | + | + | + | + |
| Liebherr control lever moving with operator's seat (incl. kick down, travel direction) | • | • | • | • |
| Liebherr multi-lever control system moving with operator's seat (incl. kick down, travel direction) | + | + | + | + |
| Liebherr key with remote control incl. Coming Home/ Leaving Home function | + | + | + | + |
| Premiumdisplay (Touchscreen), with height adjustment and tilting function | • | • | • | • |
| Preparation for radio installation | + | + | + | + |
| Radio Liebherr "Comfort" (USB/AUX/BLUETOOTH/handsfree set) | + | + | + | + |
| Radio Liebherr "Standard" (USB/AUX) | + | + | + | + |



Operator's Cab

L 550 L 556 L 566 L 576

| | L 550 | L 556 | L 566 | L 576 |
|--|-------|-------|-------|-------|
| Amber beacon swiveling/fixd | + | + | • | + |
| Soundproof ROPS/FOPS special cab incl. armoured glass | • | • | • | • |
| Soundproof ROPS/FOPS cab | + | + | + | + |
| Bucket return with button integrated into Liebherr control lever | + | + | + | + |
| Wipe and wash system | • | • | • | • |
| Windscreen wiper single-sweep function with button | + | + | + | + |
| Headlights rear, single design, halogen/LED | + | + | + | + |
| Headlights rear, double design, LED | • | • | • | • |
| Headlights rear, triple design, LED | + | + | + | + |
| Headlights front, double design, halogen | + | + | + | + |
| Headlights front, double design, LED | • | • | • | • |
| Sliding window left/right | • | • | • | • |
| Slipcover for operator seat | + | + | + | + |
| Operator's cab safety roof | + | + | + | + |
| Windscreen guard | + | + | + | + |
| Sunblind rear | + | + | + | + |
| Sunblind front | • | • | • | • |
| Power socket 12 V | • | • | • | • |
| Power socket USB | • | • | • | • |
| First aid kit | + | + | + | + |
| Preparation for protective ventilation and dust filtering device | + | + | + | + |
| Wide angle mirror | + | + | + | + |
| Cigarette lighter | • | • | • | • |
| 2-in-1 steering – changeable | + | + | + | + |



Safety

L 550 L 556 L 566 L 576

| | L 550 | L 556 | L 566 | L 576 |
|---|-------|-------|-------|-------|
| Active personnel detection at the rear | + | + | + | + |
| Roof camera for front area monitoring (with Liebherr camera via Liebherr display) | + | + | + | + |
| Country-specific versions | + | + | + | + |
| Emergency steering system | • | • | • | • |
| Reversing obstruction detector | + | + | + | + |
| Back-up alarm acoustic | • | • | • | • |
| Back-up alarm visual | + | + | + | + |
| Rear space monitoring with camera (with Liebherr camera via Liebherr display) | • | • | • | • |
| Skyview 360° | + | + | + | + |

- = Standard
- + = Option
- = not available

Further information can be found in the brochure "Assistance systems for wheel loaders" or you can find here:



Here you can download our wheel loader brochures:



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 applications.

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 then, the family business has steadily grown to a group of more than 140 companies with nearly 48,000 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.

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