

V O L V O



Volvo Wheel Loaders 35-40 t 341 hp

L200 HIGH LIFT

Volvo Construction Equipment

L200 HIGH LIFT

Specifically designed to deliver maximum productivity and efficiency in logging applications, the Volvo L200 High Lift Wheel Loader enhances log storage capacity by up to 60% compared to a conventional wheel loader.



Lift more, load more, stack more



- Stack logs to almost 6.9 meters high (60% higher than a conventional wheel loader)
- 11.2 tonne lifting capacity
- Reinforced lift arm system, cross beam and rotator unit
- Choice of grapples up to 4.3 m²
- 875-type, low-profile tires as standard
- Upgraded dampening system
- Outstanding stability
- Load Assist with On-Board Weighing

Efficient and profitable operations



- Powerful and efficient engine
- Second generation OptiShift
- Direct lock-up gear change
- Reverse By Braking
- Smart control with reduced fuel consumption
- Attachment optimization
- External dry P-Brake, which eliminates drag losses
- Auto bucket fill
- Compatible with HVO

Maximum productivity in logging applications

Volvo was the first manufacturer to bring a high-lift wheel loader to the market back in 1974, and the L200 High Lift builds on this proud legacy to offer a machine which is designed to boost productivity and lower operating costs in logging applications. The L200 High Lift combines the Volvo high-lift arm system with all the performance, quality, efficiency and operator comfort you expect from a Volvo Wheel Loader. The robust and stable lift arm design is able to stack logs to nearly 6.9 meters high, enhancing storage capacity by up to 60% compared to a conventional wheel loader.

The operator's choice



- Interactive, integrated Volvo Co-Pilot display
- Dynamic instrument cluster
- Comfort Drive Control (CDC)
- Customizable operator settings

A new level in cab comfort



- Most comfortable and quietest cab on the market
- Enhanced storage options
- New armrest, new cupholder and USB chargers
- Extensive range of seats - including premium seats with heating and cooling functionality.

Durable by design



- A durability leader in its class
- Outstanding uptime
- Volvo-renowned quality runs throughout every component
- Strong frame structure and robust axles, ideally matched to the Volvo powertrain
- Self-cleaning hydraulically driven cooling fan
- Outboard mounted brakes
- Front and rear axles are cooled by the oil circulation.

Industry leading serviceability



- Cab can be tilted to either a 30° or 70° angle
- Electronically operated engine hood
- Captive oil filters, captive fuel filters with electric pump
- Optional fast fuel fill
- Service light under the grille
- Brake wear indicators

Reinforced rotator unit



- 360° rotation and a tilting function
- Maintenance-free
- Integrated dampening system

Safety inside and out



- Excellent in-cab visibility and field of vision
- High definition rear view camera integrated in the Volvo Co-Pilot display
- Volvo Smart View with 360°
- Collision Mitigation System
- Battery disconnect/service switch with lockout/tagout
- Radar detect system
- Orange handrails
- Remote door opening
- Enhanced LED lighting packages
- New service platform

Loaders and beyond



- Load Assist with On Board Weighing
- Load Ticket
- Connected Map with Performance Indicator
- Operator Coaching
- CareTrack telematics system

Lift more, load more, stack more

Compared to a conventional wheel loader, the L200 High Lift can be equipped with higher capacity grapples and carry heavier loads.

With an 11.2 tonne lifting capacity, made possible by the reinforced lift arm system, cross beam and rotator unit, this is a machine designed to let you handle more timber per hour.

With the ability to stack logs to almost 6.9 meters high, 60% higher than a conventional wheel loader, you can make optimum use of your timber yard and storage capacity – boosting productivity and driving down operating costs.

Fuel efficiency, lower emissions

Do more with less fuel, thanks to the industry-renowned fuel efficiency of Volvo Wheel Loaders.

With a gear shifting ratio that has been optimized to adapt to the maximum expected workload, the result is faster acceleration and smoother operation.

Fuel efficiency is enhanced further thanks to a host of efficiency-boosting technologies such as Smart Control, the powerful and efficient Volvo engine, OptiShift, lock-up transmission, Eco Pedal and external dry P-Brake. What's more, the renewable synthetic diesel fuel, HVO (Hydro-treated Vegetable Oils), has been approved for use in Volvo Construction Equipment diesel engines with the potential to reduce CO₂ emissions by up to 90%.



Intuitive operator interface

Operators can stay in-the-know and focused on the task at hand thanks to all essential in-cab information conveniently displayed on just two screens.

The interactive, integrated Volvo Co-Pilot 12.8inch display offers easy control over essential functions such as media, camera settings, climate control and machine status, and can display up to four widgets on screen at a time.

This is combined with the dynamic instrument cluster, positioned in front of the steering wheel, which provides essential vehicle data at a glance.

Durable by design

A durability leader in its class, Volvo Wheel Loaders deliver outstanding uptime.

Volvo-renowned quality runs throughout every component, including a strong frame structure and robust axles, ideally matched to the Volvo powertrain.

The hydraulically driven cooling fan regulates component temperature and can be automatically reversed to permit self-cleaning of the cooling units.

For long service life, the brakes are outboard mounted and the front and rear axles are cooled by the oil circulation.

Safety first

Excellent in-cab visibility and field of vision is complemented by a host of safety-enhancing features including high definition rear view camera integrated in the Volvo Co-Pilot display, Collision Mitigation System and radar detect system that provides visual and audible alerts when encountering unseen objects.

Orange handrails and steps improve visibility for operators and maintenance staff, while automatic door opening allows the door to be opened with the key or button.

Load Assist with On-Board Weighing

Load Assist, powered by Volvo Co-Pilot, optimizes productivity via a suite of productivity-enhancing apps, including On-Board Weighing, Task Manager and Tire Pressure Monitoring System.

The perfect partner in logging applications, with On-Board Weighing users can eliminate overloading, underloading, reweighing and waiting times thanks to real-time insights into the grapple's load and payload of the load receiver.

A customizable alert notifies the operator if the grapple load exceeds a set limit, helping to maintain machine stability and jobsite safety.



Volvo L200 High Lift in detail

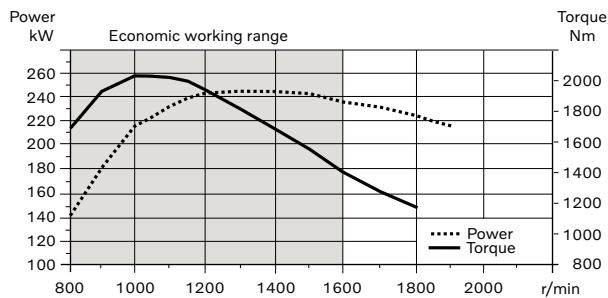
Engine

V-ACT Stage V, 13-liter, 6-cylinder straight turbocharged diesel engine with 4 valves per cylinder, overhead camshaft, and electronically controlled unit injectors. The engine has wet replaceable cylinder liners and replaceable valve guides and valve seats. The throttle application is transmitted electrically either from the throttle pedal or the optional hand throttle.

Air cleaning: 2 stages.

Cooling system: Hydrostatic, electronically controlled fan and intercooler of the air-to-air type.

| | | |
|-------------------------|-------|---------------|
| Engine | Volvo | D13J |
| Max. power at | r/min | 1 300 - 1 400 |
| ECE R120 net | kW | 251 |
| | hp | 341 |
| ISO 9249, SAE J1349 net | kW | 250 |
| | hp | 340 |
| Max. torque at | r/min | 1 000 |
| ECE R120 net | Nm | 2 071 |
| ISO 9249, SAE J1349 net | Nm | 2 065 |
| Economic working range | r/min | 800 - 1 600 |
| Displacement | l | 12.8 |



Drivetrain

Torque converter: The single-stage torque converter with lockup and direct lockup shifting between gears provides seamless transitions and enhanced performance.

Transmission: The electronically controlled Volvo countershaft transmission features the Full Automatic Power Shift (FAPS) function, which offers fully automatic shifting in all four forward gears and from the second to the fourth gear in reverse. It is complemented by a mode selector with four gear-shifting programs. The Rimpull Control function helps prevent wheel spin and optimizes bucket filling. The single lever control and the Pulse Width Modulation (PWM) valves ensure effortless, fast, and smooth shifting, providing higher precision and reliability.

Axles: Volvo's fully floating drive shafts with planetary hub reductions and cast iron axle housing. The fixed front axle features a 100% differential lock, while the oscillating rear axle offers an optional limited-slip differential.

| | | |
|------------------------------------|-------|---------|
| Transmission | Volvo | HTL 223 |
| Torque multiplication, stall ratio | | 2.09:1 |

Maximum speed, forward/reverse

| | | |
|----------|------|----|
| 1st gear | km/h | 6 |
| 2nd gear | km/h | 13 |
| 3rd gear | km/h | 24 |
| 4th gear | km/h | 38 |

Note: 4th gear limited by ECU

| | | |
|-----------------------|-----|---------|
| Front axle/rear axle | | AWB 40B |
| Rear axle oscillation | ± ° | 13 |
| Ground clearance | mm | 540 |
| at oscillation | ° | 13 |

Electrical system

Central warning system:

Contronic electrical system with central warning light and buzzer for following functions: - Serious engine fault - Low steering system pressure - Over speed warning engine - Interruption in communication (computer fault) Central warning light and buzzer with the gear engaged for the following functions. - Low engine oil pressure - High engine oil temperature - High charge air temperature - Low coolant level - High coolant temperature - High crank case pressure - Low transmission oil pressure - High transmission oil temperature - Low brake pressure - Engaged parking brake - Fault on brake charging - Low hydraulic oil level - High hydraulic oil temperature - Overspeeding in engaged gear - High brake cooling oil temperature front and rear axles.

| | | |
|--------------------------------|-----|------------|
| Voltage | V | 24 |
| Batteries | V | 2 x 12 |
| Battery capacity | Ah | 2 x 170 |
| Cold cranking capacity, approx | A | 1 000 |
| Alternator rating | W/A | 2 280 / 80 |
| Starter motor output | kW | 7 |

Brake system

Service brake: Volvo dual-circuit system with nitrogen-charged accumulators. Outboard-mounted fully hydraulic operated, fully sealed oil circulation-cooled wet disc brakes. The operator can select automatic disengagement of the transmission when braking, using Contronic.

Parking brake: Dry disc brake. Applied by spring force, electro-hydraulic release with a switch on the instrument panel.

Secondary brake: Dual brake circuits with rechargeable accumulators. One circuit or the parking brake fulfills all safety requirements.

Standard: The brake system complies with the requirements of ISO 3450.

| | | |
|---------------------------------|---|-------------------|
| Number of brake discs per wheel | | 1 |
| Accumulators | l | 2 x 1.0 + 1 x 0.5 |

Cab

Instrumentation: All important information is centrally located in the operator's field of vision. Display for Contronic monitoring system.

Heater and defroster: Heater coil with filtered fresh air and fan with auto and manual settings (11 speeds). Defroster vents for all window areas.

Operator's seat: Operator's seat with adjustable suspension and retractable seatbelt. The seat is mounted on a bracket on the rear cab wall. The forces from the retractable seatbelt are absorbed by the seat rails.

Standard: The cab is tested and approved according to ROPS (ISO 3471, SAE J1040), FOPS (ISO 3449). The cab meets with requirements according to SAE J386 („Operator Restraint System“). Refrigerant of the type R134a is used when this machine is equipped with air conditioning. Contains fluorinated greenhouse gas R134a, Global Warming Potential 1.430 t CO₂-eq

| | | |
|-----------------------------|---------------------|-----|
| Ventilation | m ³ /min | 9 |
| Heating capacity | kW | 16 |
| Air conditioning (optional) | kW | 7.5 |

Sound Level

Sound pressure level in cab according to ISO 6396

| | | |
|-----------------|----|----|
| L _{pA} | dB | 70 |
|-----------------|----|----|

External sound level according to ISO 6395 and EU Noise Directive 2000/14/EC

| | | |
|-----------------|----|-----|
| L _{WA} | dB | 108 |
|-----------------|----|-----|



Hydraulic System

System supply: Two load-sensing axial piston pumps with variable displacement. The steering function always has priority from one of the pumps.

Valves: Two main valves. Main valve 1: 2 spool control valve for lift- and tilt function. Main valve 2: 4 spool control valve for grapple, grapple tilt, rotator and log pusher (extra equipment).

Filter: Full flow filtration through 10 micron (absolute) filter cartridge.

| | | |
|----------------------------------|-----|-----------|
| Working pressure maximum, pump 1 | MPa | 20 |
| Working pressure maximum, pump 2 | MPa | 28 |
| Pilot system | MPa | 3,2 - 4,0 |
| Lower, empty (top to bottom) | s | 6 |

Steering system

Steering system: Load-sensing, hydrostatic articulated steering.

System supply: The steering system has priority feed from a load-sensing axial piston pump with variable displacement.

Steering cylinders: Two double-acting cylinders.

| | | |
|----------------------|-------|-----|
| Steering cylinders | | 2 |
| Cylinder bore | mm | 90 |
| Rod diameter | mm | 60 |
| Stroke | mm | 525 |
| Working pressure | MPa | 21 |
| Maximum flow | l/min | 252 |
| Maximum articulation | ± ° | 37 |

Service Refill

Service accessibility: Large, easy-to-open hood covering whole engine department, electrically operated. Fluid filters and component breather air filters promote long service intervals. A quick-fit adapter on the hydraulic tank provides faster hydraulic oil fill. Possibility to monitor, log and analyze data to facilitate troubleshooting.

| | | |
|--------------------|---|-----|
| Fuel tank | l | 366 |
| DEF/AdBlue® tank | l | 31 |
| Engine coolant | l | 55 |
| Hydraulic oil tank | l | 156 |
| Transmission oil | l | 48 |
| Engine oil | l | 50 |
| Axle oil front | l | 46 |
| Axle oil rear | l | 55 |

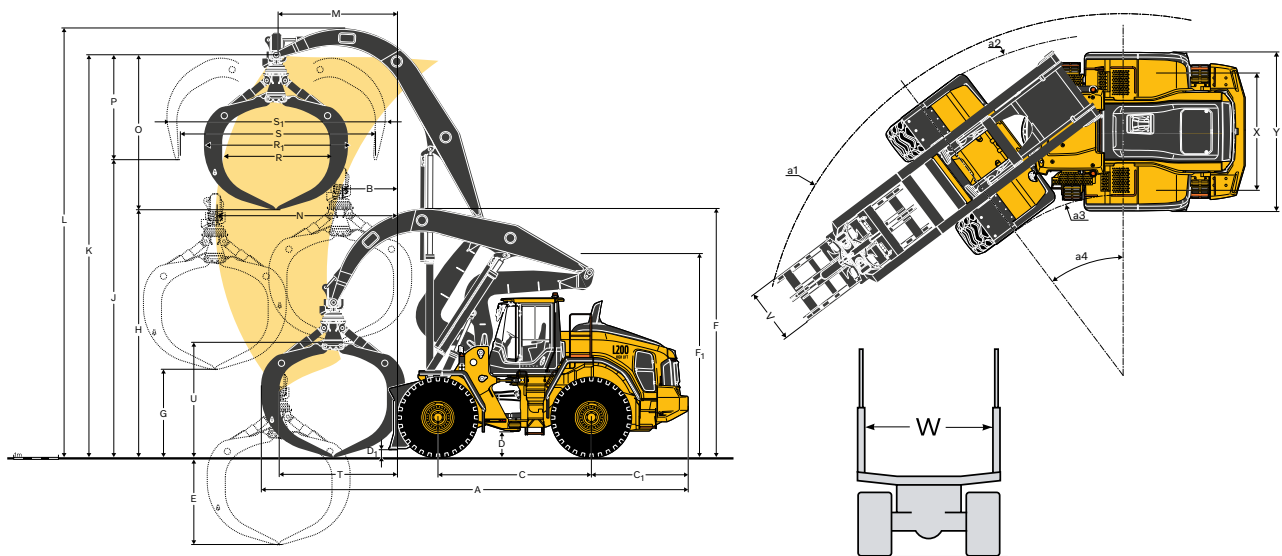
Lift Arm System

The Volvo high-lift arm system is a rugged and stable in-house design, with optimized visibility throughout the work cycle. The new lift arm design gives increased lift height and the possibility to rotate the grapple 360 degrees fully open at top position. The lift height is up to 6 meters under closed grapple. The lift arm system also integrates windshield protection.

| | | |
|---------------------|----|-------|
| Lift cylinders | | 2 |
| Cylinder bore | mm | 140 |
| Piston rod diameter | mm | 110 |
| Stroke | mm | 2 242 |
| Tilt cylinder | | 2 |
| Cylinder bore | mm | 140 |
| Piston rod diameter | mm | 70 |
| Stroke | mm | 691 |



Specifications



DIMENSIONS

Tires: 875/65 R29*

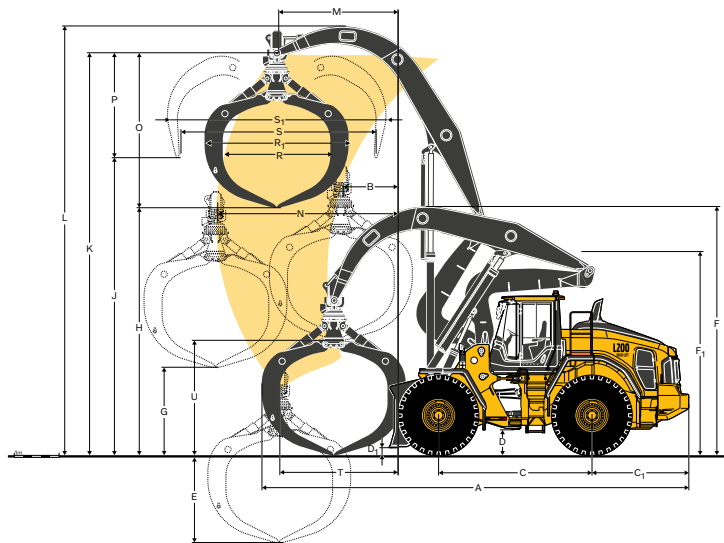
| Rotating grapple, 360°, 4.3 m ² , 54578540 | | Unit | L200K High Lift |
|---|--|------|-----------------|
| B | Reach in carry position | mm | 1 210 |
| C | Wheel base | mm | 3 550 |
| C ₁ | Rear overhang | mm | 2 240 |
| D | Ground clearance | mm | 540 |
| D ₁ | Ground clearance with log pusher | mm | 250 |
| F | Min machine height with grapple tilted forward | mm | 4 790 |
| K | Max lifting arm height** | mm | 9 070 |
| L | Overall operator height** | mm | 9 630 |
| M | Reach at max height | mm | 2 610 |
| N | Max reach | mm | 3 970 |
| T | Reach at min height | mm | 2 540 |
| U | Grapple height in carry position | mm | 2 500 |
| X | Track width | mm | 2 400 |
| Y | Machine width over tire | mm | 3 260 |
| a ₁ | Outer clearance circle (diameter) | mm | 7 390 |
| a ₂ | Tire clearance radius (outer radius) | mm | 6 980 |
| a ₃ | Inner radius | mm | 3 680 |
| a ₄ | Max articulation angle | ° | ± 37 |
| Log pusher length*** | | mm | 200 |

* The 775/65 R29 tires affect the dimensions B, E, M, N, T by +70 mm and heights F, G, H, J, K, L by -70 mm.




** Height under rotator is -409 mm.

*** The log pusher affects the length A by +200 mm and the lengths B, M, N by -200 mm.

Note: When unloading a vehicle, the log grapple's width (R) should be the same or less compared to the distance between the „stakes“ (W) on the vehicle.



L200K High Lift

| Tires: 875/65 R29 | Unit | Round shaped | | | | | | | | Heart shaped |
|---|----------------|--|----------|----------|----------|--|----------|----------|----------|--|
| | |  | | | |  | | | |  |
| | | 55019257 | 55019260 | 55019263 | 55019272 | 55019148 | 55019230 | 55019243 | 54578540 | 55019237 |
| Order no. | | Chain | | | | Arms | | | | Arms |
| Clamping | | Chain | | | | Arms | | | | Arms |
| Grapple area | m ² | 3.4 | 3.7 | 4.0 | 4.3 | 3.4 | 3.7 | 4.0 | 4.3 | 3.7 |
| A Overall length | mm | 9 620 | 9 680 | 9 740 | 9 770 | 9 620 | 9 680 | 9 740 | 9 770 | 9 680 |
| E Max grapple depth | mm | 1 560 | 1 680 | 1 800 | 1 920 | 1 560 | 1 680 | 1 800 | 1 920 | 1 860 |
| G Clearance at max reach | mm | 2 250 | 2 130 | 2 010 | 1 890 | 2 250 | 2 130 | 2 010 | 1 890 | 1 950 |
| H Lift height under closed grapple | mm | 5 980 | 5 860 | 5 740 | 5 620 | 5 980 | 5 860 | 5 740 | 5 620 | 5 680 |
| J Lift height under open grapple | mm | 6 890 | 6 830 | 6 770 | 6 710 | 6 890 | 6 830 | 6 770 | 6 710 | 6 740 |
| O Closed grapple height | mm | 3 090 | 3 210 | 3 330 | 3 450 | 3 090 | 3 210 | 3 330 | 3 450 | 3 390 |
| P Open grapple height | mm | 2 180 | 2 240 | 2 300 | 2 360 | 2 180 | 2 240 | 2 300 | 2 360 | 2 330 |
| R Inner length, closed grapple | mm | 2 400 | 2 400 | 2 400 | 2 400 | 2 400 | 2 400 | 2 400 | 2 400 | 2 400 |
| R ₁ Overall length, closed grapple | mm | 3 070 | 3 130 | 3 190 | 3 220 | 3 070 | 3 130 | 3 190 | 3 220 | 3 130 |
| S Inner length, open grapple | mm | 3 730 | 3 950 | 4 160 | 4 370 | 3 730 | 3 950 | 4 160 | 4 370 | 4 210 |
| S ₁ Overall length, open grapple | mm | 4 300 | 4 500 | 4 700 | 4 900 | 4 300 | 4 500 | 4 700 | 4 900 | 4 410 |
| V Grapple width | mm | 1 100 | 1 100 | 1 100 | 1 100 | 1 100 | 1 100 | 1 100 | 1 100 | 900 |
| Grapple weight | kg | 2 520 | 2 580 | 2 650 | 2 750 | 2 870 | 2 950 | 3 060 | 3 140 | 2 880 |
| Max working load* | kg | 11 150 | 11 090 | 11 030 | 10 920 | 10 800 | 10 730 | 10 620 | 10 540 | 10 790 |
| Working load at max reach** | kg | 8 650 | 8 600 | 8 550 | 8 450 | 8 350 | 8 300 | 8 200 | 8 100 | 8 350 |
| Operating weight*** | kg | 36 300 | 36 360 | 36 420 | 36 520 | 36 650 | 36 720 | 36 830 | 36 910 | 36 650 |
| Timber | | x | x | x | x | x | x | x | x | |
| Shortwood (pulpwood) | | | | | | | | | | x |
| Unloading against wall | | | | | | | | | | x |
| Tire availability | | 775 & 875 | | 875 | | 775 & 875 | | 875 | | 775 & 875 |

* Fully articulated, with tire deflection, boom retracted by ~750 mm with 875 tires and by ~850 mm with 775 tires.

** Fully articulated, with tire deflection, at max reach with 875 tires. With 775 tires it is reduced by 400 kg.

*** Including liquid in rear tires.

Note: Log pusher increases operating weight by 980 kg. Radiator grille guard (WL86023) increases operating weight by 130 kg and increases the working load by 100 kg. Fire suppression system increases operating weight by 85 kg. 775 tires reduce operating weight by 880 kg.

Equipment

STANDARD EQUIPMENT

Engine

| |
|---|
| Exhaust after-treatment system |
| Two stage air cleaner, primary and secondary filter |
| Indicator for coolant level |
| Preheating of induction air |
| Fuel pre-filter with water trap |
| Fuel filter |
| Electric fuel prime pump |
| Crankcase breather oil trap |
| Reversible cooling fan |
| Exterior radiator air intake protection |

Drivetrain

| |
|---|
| Automatic Power Shift |
| Fully automatic gearshifting, 1-4 |
| PWM-controlled gearshifting |
| Forward and reverse switch by hydraulic lever console |
| Smart control |
| Indicator glass for transmission oil level |
| Differentials: Front, 100% hydraulic differential lock. Rear, conventional. |
| Optishift with Lock-up, RBB |
| Lock-up first gear |

Electrical system

| |
|---|
| 24V, pre-wired for optional accessories |
| Alternator 24V/130A/3479W |
| Battery disconnect (service) switch |
| Fuel gauge |
| Hour meter |
| Electric horn |
| Lighting: |
| Twin halogen front headlights with high and low beams |
| Parking lights |
| Double brake and tail lights |
| Turn signals with flashing hazard light function |
| Halogen work lights (2 front and 2 rear) |
| Dual LED reversing strobe lights |

STANDARD EQUIPMENT

Dynamic Instrument Cluster

| |
|--|
| 8-inch dynamic instrument cluster display |
| Fuel consumption |
| Diesel Exhaust Fluid/AdBlue consumption |
| Ambient temperature |
| Clock |
| Warning and indicator lights: |
| Battery charging |
| Parking brake |
| Warning and display message: |
| Regeneration |
| Engine coolant temperature |
| Charge-air temperature |
| Engine oil temperature |
| Engine oil pressure |
| Transmission oil temperature |
| Transmission oil pressure |
| Hydraulic oil temperature |
| Brake pressure |
| Parking brake applied |
| Brake charging |
| Overspeed at direction change |
| Axle oil temperature |
| Steering pressure |
| Crankcase pressure |
| Attachment lock open |
| Safety Belt Warning |
| Level warnings: |
| Fuel level |
| Diesel Exhaust Fluid/AdBlue level |
| Engine oil level |
| Engine coolant level |
| Transmission oil level |
| Hydraulic oil level |
| Washer fluid level |
| Climate control temperature and fan speed |
| Speed indicator |
| Engine revolutions per minute indicator |
| Engine torque reduction in case of malfunction indication: |
| High engine coolant temperature |
| High engine oil temperature |
| Low engine oil pressure |
| High crankcase pressure |
| High charge-air temperature |
| Engine shutdown to idle in case of malfunction indication: |
| High transmission oil temperature |
| Slip in transmission clutches |
| Start interlock when gear is engaged |
| Integrated Volvo Co-Pilot |
| 12.8-inch High Definition vertical Co-Pilot display |
| Machine integration |
| Machine information |
| Machine settings |
| Service information |
| Service mode |
| Smart View with rear view camera |
| Climate controls |
| Radio and media (with Bluetooth and USB connection) |
| Load Assist portfolio |
| Operator Coaching Start |
| Toolbox applications |
| Remote support |
| Help center (digital operator's manual) |

STANDARD EQUIPMENT

Hydraulic System

| |
|---|
| Main valve, double acting 2-spool with hydraulic pilots |
| Variable displacement axial piston pumps (3) for: 1 Working hydraulics, Pilot hydraulics and Brake system 2 Working hydraulics, Pilot hydraulics, Steering and Brake system 3 Cooling fan and Brake system |
| Secondary steering with automatic test function |
| Electro-hydraulic servo controls |
| Electronic hydraulic lever lock |
| Automatic boom kick-out |
| Automatic bucket positioner |
| Double-acting hydraulic cylinders |
| Indicator glass for hydraulic oil level |
| Hydraulic oil cooler |
| Boom suspension system |

Brake system

| |
|---|
| Dual brake circuits |
| Dual brake pedals |
| Secondary brake system |
| Parking brake, electro-hydraulic |
| Brake wear indicators |
| Oil cooler and filter front & rear axle |

Cab

| |
|--|
| ROPS (ISO 3471), FOPS (ISO 3449) |
| Harness Anchor Points |
| Single key kit door/start |
| Acoustic inner lining |
| Cigarette lighter, 24 V power outlet |
| Lockable door |
| Cab heating with fresh air inlet and defroster |
| Fresh air inlet with two filters |
| Automatic heat control |
| Floor mat |
| Interior lights |
| Interior rear-view mirrors |
| Dual exterior rear-view mirrors |
| Sliding window, right side |
| Tinted windshield glass |
| Retractable seatbelt (SAE J386) |
| Adjustable steering wheel |
| Storage compartment |
| Document pocket |
| Sun visor |
| Beverage holder |
| Windshield washer front and rear |
| Windshield wipers front and rear |
| Interval function for front and rear wipers |

STANDARD EQUIPMENT

Service and Maintenance

| |
|--|
| Engine oil remote drain and fill |
| Volvo High Performance oil filters with 1,000 hours service interval |
| Transmission oil remote drain and fill |
| Quick-fit transmission oil change |
| Lubrication manifolds, ground accessible |
| Pressure check connections: transmission and hydraulic, quick-connects |
| Quick-fit hydraulic oil fill |
| Service platform on the front frame |
| Tool box, lockable |

External equipment

| |
|--|
| Orange hand rails |
| Fenders, front and rear |
| Reflecting stickers (decals), machine contour and cab |
| Viscous cab mounts |
| Rubber engine and transmission mounts |
| Frame, joint lock |
| Vandalism lock prepared for Engine compartment Radiator grille |
| Lifting eyes |
| Tie-down eyes |
| Fabricated counterweight |
| Counterweight, pre-drilled for optional guards |

Other equipment

| |
|------------------------|
| Counterweight, logging |
|------------------------|

Equipment

OPTIONAL EQUIPMENT

Engine

| |
|--|
| Air pre-cleaner, cyclone type |
| Air pre-cleaner, oil-bath type |
| Air pre-cleaner, turbo type II |
| Air pre-cleaner, turbo type III |
| Engine auto shutdown |
| Engine delayed shutdown |
| Engine block heater |
| Fuel fill strainer |
| Fuel heater |
| Hand throttle control |
| Max. fan speed, hot climate |
| Radiator, corrosion-protected |
| Reversible cooling fan and axle oil cooler |

Drivetrain

| |
|---------------|
| Speed limiter |
|---------------|

Electrical system

| |
|---|
| Anti-theft device |
| Emergency stop |
| Locking device, Tag out Lock out |
| License plate holder, lighting |
| Forward grapple camera in external display |
| Rear view mirrors, Long arm |
| Rear view mirrors, adjustable, el.heated, Long arm |
| Reduced function working lights, reverse gear activated |
| Reverse alarm, audible |
| Reverse alarm, white noise |
| Seatbelt indicator, external |
| Shortened headlight support brackets |
| Side marker lamps |
| Warning beacon LED |
| Warning beacon LED automatic |
| Halogen Economy package |
| Halogen Feature package |
| Halogen Power package |
| Headlights, assymetric left, halogen |
| Working lights, attachments, halogen |
| LED Economy package |
| LED Feature package |
| LED Power package |
| LED Intense package |
| Headlights, assymetric Left, LED |
| Headlights, assymetric Right, LED |
| Working lights, attachments, LED |
| Electrical distribution unit 24 volt |
| Parking brake alarm, audible for air susp seats |
| Jump start connector, ISO-Type |
| Can Bus Interface |

OPTIONAL EQUIPMENT

Integrated Volvo Co-Pilot

| |
|-------------------------------------|
| Tire pressure monitoring system |
| Handsfree telephone |
| Smart View |
| Smart View with 360° |
| Smart View with radar detect system |
| Forward camera |
| Dual forward cameras |
| Collision Mitigation System |
| Load Assist portfolio |
| Load Assist OBW |
| Load Assist Task Modes |
| Operator Coaching Advanced |
| Site services enabled |
| Site Operations |
| Connected Map |
| Load Ticket |
| File Upload |
| Performance indicators |
| Task Manager |
| Media player |

Hydraulic System

| |
|---------------------------------------|
| Hydraulic fluid, biodegradable, Volvo |
| Hydraulic fluid, fire-resistant |
| Hydraulic fluid, for hot climate |

Brake system

| |
|------------------------------|
| Stainless steel, brake lines |
|------------------------------|

| OPTIONAL EQUIPMENT |
|--|
| Cab |
| Anchorage for Operator's manual |
| Automatic Climate Control, ACC |
| ACC control panel, with Fahrenheit scale |
| Asbestos dust protection filter |
| Ashtray |
| Cab air pre-cleaner, cyclone type |
| Carbon filter |
| Cover plate, under cab |
| Lunch box holder |
| Volvo Armrest, operator's seat, left |
| Operator's seat, Mechanical ISRI, 2pt seat belt |
| Operator's seat, Volvo Air Suspension, Heavy Duty, 2pt seat belt |
| Operator's seat, Volvo Air Suspension, 2pt seat belt |
| Operator's seat, Volvo Air Suspension, 3pt seat belt |
| Operator's seat, Comfort ISRI, 2pt seat belt |
| Operator's seat, Comfort ISRI, 3pt seat belt |
| Operator's seat, Premium ISRI, 2pt seat belt |
| Operator's seat, Premium ISRI, 3pt seat belt |
| Subwoofer |
| Steering wheel knob |
| Sun blinds, rear windows |
| Sun blinds, side windows |
| Timer cab heating |
| Window, sliding, door |
| Universal door/ignition key |
| Remote door opener |
| Forward view mirror |
| Cab heater power outlet 240V |
| Service and Maintenance |
| Oil sampling valve |
| Refill pump for grease to lube system |
| Tool kit |
| Wheel nut wrench kit |
| Quick engine oil change |
| Cleaner kit, with air blow gun |
| ROX, rapid oil exchange pump |
| CareTrack, GSM, GSM/Satellite |
| Telematics, Subscription |

| OPTIONAL EQUIPMENT |
|---|
| Wheel/Tires |
| 775/65 R29 |
| 875/65 R29 |
| Protective equipment |
| Belly guard rear |
| Belly guard rear, oil pan |
| Center hinge and rear frame guard |
| Cover plate, rear frame |
| Cab roof, heavy-duty |
| Guards for front headlights |
| Guards for radiator grill |
| Guards for tail lights |
| Windows, side and rear guards |
| External equipment |
| Cab ladder, rubber-suspended |
| Fire suppression system |
| Handles on counterweight |
| Counterweight, signal painted, chevrons |
| Mudguards, full cover wideners and prot. Included |
| Tow hitch |
| Other equipment |
| CE-marking |
| Comfort Drive Control (CDC) |
| Sound decal, EU |
| Sound decal, USA |
| Log Loader decal |
| Option for machines without dinitrol |
| Noise reduction kit, exterior |
| Sign, slow moving vehicle |
| Sign, 50 km/h (31 mph) |
| Attachments |
| Log grapples |
| Log pusher for 775 Tires |
| Log pusher for 875 Tires |

Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.





V O L V O