

V O L V O



Volvo Wheel Loaders 35.0-40.0 t / 77,162-88,185 lb 330 hp

L200H HIGH LIFT

Volvo Construction Equipment

L200H HIGH LIFT



A proven concept since 1974



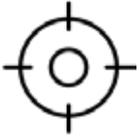
- Lift arm system enabling log stacks up to 6.9 meters (22'8")
- Faster travel on rough terrain
- Ability to operate on unpaved ground
- Minimize risk of damaging paved surfaces
- Log pusher (Option): up to 30% higher stack

Lift up to 27% more



- Up to 11.2 tonne (24,692 lb) lifting capacity
- Range of Volvo grapples – Up to 13% larger (4.3m² / 46.3ft²)
- Stronger rotator unit with integrated dampening system
- Wide, low-profile tires

Reaching new heights



Superb fuel efficiency

- Optimized gear ratio for fast acceleration and smooth operation
- OptiShift - Reverse By Braking, Lock-up transmission
- Eco pedal



Load Assist **NEW!**

- On-Board Weighing
- Tire Pressure Monitoring System
- Operator Coaching
- Integrated rearview camera and optional radar detect system



The operator's choice

- Customizable joystick via smartphone/Bluetooth
- Front-view camera (Option)
- Collision Mitigation System (Option)
- Adjustable premium seat with 3-points seatbelt (Option)
- Comfort Drive Control: lever-steering (Option)
- Operator Training Program



Keep moving

- 4,000hr axle oil change intervals
- 1,000hr engine service intervals
- Reversible hydraulically-driven cooling fan
- Automatic lubrication system
- ActiveCare Direct
- Genuine Volvo Parts, Maintenance and repair agreements



Straightforward servicing

- Quick oil drain/fill connectors for hydraulics, transmission, engine and front axle
- Easier to inspect and clean the engine compartment thanks to additional handrails on both sides, electronically-operated engine hood and easy-to-remove/reposition covers
- Tilting cab
- Brake wear indicators located on the wheels
- Replaceable breather filters

L200H High Lift in detail

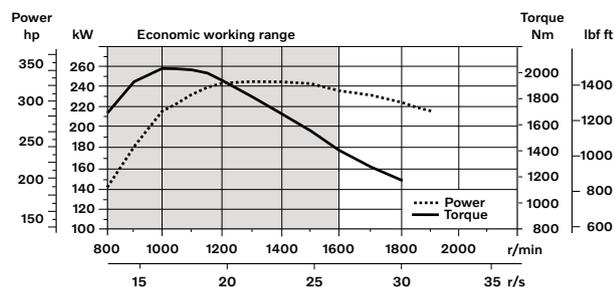
Engine

V-ACT Stage IV/Tier 4F, 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 applications is transmitted electrically from the throttle pedal or the optional hand throttle.

Air cleaning: Two-stage: Pre stage filter - primary filter.

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

Engine	Volvo	D13J
Max. power at	r/min (r/s)	1,300 -1,400 (21.7 -23.3)
ECE R120 net	kW (hp)	251 (337)
ISO 9249, SAE J1349 net	kW (hp)	250 (335)
Max. torque at	r/min (r/s)	1,000 (16.7)
ECE R120 net	Nm (ft lbf)	2,071 (1,527)
ISO 9249, SAE J1349 net	Nm (ft lbf)	2,065 (1,523)
Economic working range	r/min (r/s)	800 -1,600 (13.3 -26.7)
Displacement	l (in ³)	128 (781)



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: Fully sealed, wet multi-disc brake built into the transmission. 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 (gal)	2 x 1.0 + 1 x 0.5 (2 x 0.26 + 1 x 0.13)

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

Drivetrain

Torque converter: Single-stage.

Transmission: Volvo countershaft transmission with single lever control. Fast and smooth shifting of gears with Pulse Width Modulation (PWM) valve. Torque converter with lockup.

Transmission: Volvo Automatic Power Shift (APS) with fully automatic shifting 1-4 and mode selector with 4 different gear shifting programs, including AUTO. Also equipped with Rimpull control to avoid wheel spin.

Axles: Volvo fully floating axle shafts with planetary hub reductions and nodular iron axle housing. Fixed front axle and oscillating rear axle. 100% differential lock on the front axle.

Transmission	Volvo	HTL 223
Torque multiplication, stall ratio		2.09:1
1st gear	km/h (mi/h)	6 (3.73)
2nd gear	km/h (mi/h)	13 (8.08)
3rd gear	km/h (mi/h)	24 (14.9)
4th gear	km/h (mi/h)	38 (23.6)

Note: 4th gear limited by ECU

Front axle/rear axle		AWB 40B
Rear axle oscillation	± °	13
Ground clearance	mm (in)	540 (213)
at oscillation	°	13

Cab

Instrumentation: All important information is centrally located in the operator's field of vision. Display for Contronic 3.0 monitoring system.
Heater and defroster: Heater coil with filtered fresh air and fan with auto and 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), FOPS (ISO 3449). The cab meets with requirements according to ISO 6055 (Operator overhead protection - Industrial trucks) and SAE J386 („Operator Restraint System“).

Ventilation	m ³ /min (yd ³ /min)	9 (118)
Heating capacity	kW	16
Air conditioning (optional)	kW	75

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 (in)	100 (394)
Rod diameter	mm (in)	60 (236)
Stroke	mm (in)	525 (207)
Working pressure	MPa (bar)	21 (210)
Maximum flow	l/min (gal/min)	252 (666)
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 (gal)	366 (967)
DEF/AdBlue® tank	l (gal)	31 (82)
Engine coolant	l (gal)	55 (145)
Hydraulic oil tank	l (gal)	156 (412)
Transmission oil	l (gal)	48 (127)
Engine oil	l (gal)	50 (132)
Axle oil front	l (gal)	46 (122)
Axle oil rear	l (gal)	55 (145)

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 19'7" under closed grapple. The lift arm system also integrates windshield protection.

Lift cylinders		2
Cylinder bore	mm (in)	140 (551)
Piston rod diameter	mm (in)	110 (433)
Stroke	mm (in)	2,242 (883)
Tilt cylinder		2
Cylinder bore	mm (in)	140 (551)
Piston rod diameter	mm (in)	70 (276)
Stroke	mm (in)	691 (272)

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).

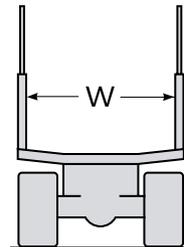
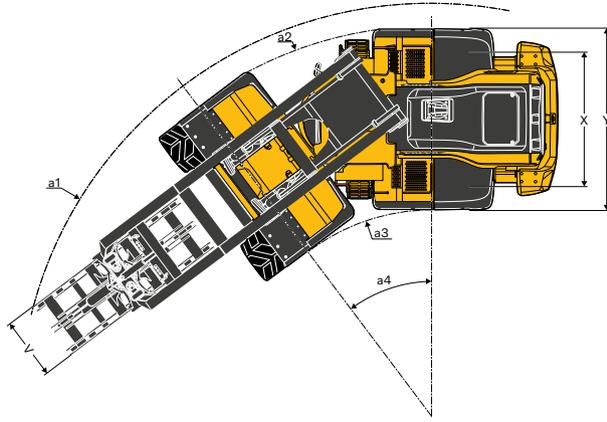
Filter: Full flow filtration through 10 micron (absolute) filter cartridge.

Working pressure maximum, pump 1	MPa (bar)	20 (200)
Working pressure maximum, pump 2	MPa (bar)	28 (280)
Pilot system	MPa (bar)	3.2 - 4.0 (32 - 40)
Lower, empty (top to bottom)	s	6

Sound Level

Sound level in cab according to ISO 6396/SAE J2105		
L _{pA}	dB	70
External sound level according to ISO 6395/SAE J2104		
L _{WA}	dB	108

Specifications



Tires: 875/65 R29*

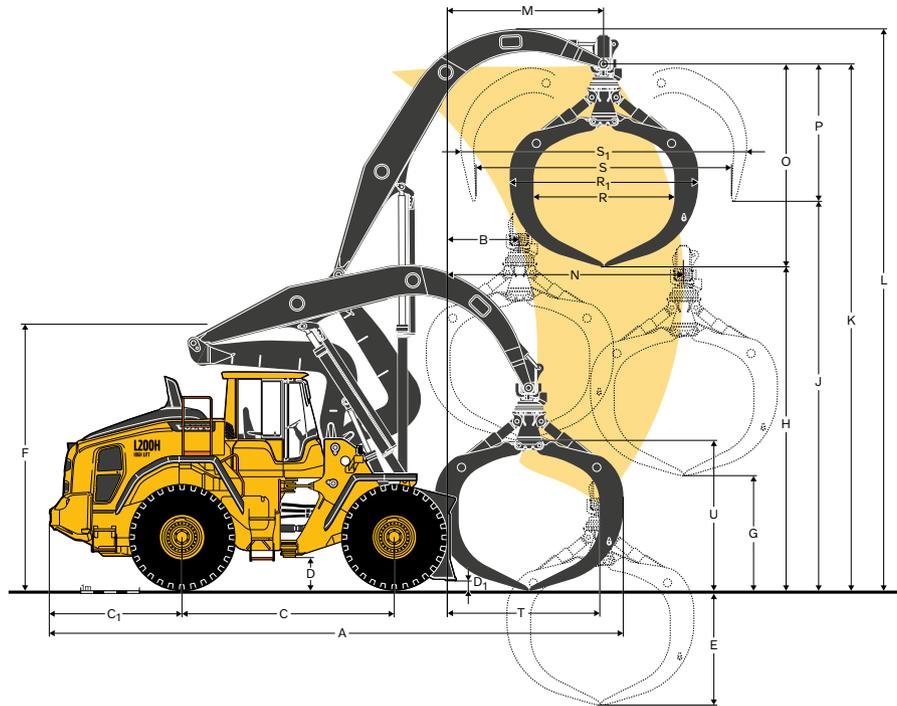
Rotating grapple, 360°, 4.3 m² (46.3 ft²), 54578540

B	mm	ft in	1,210	3'12"	
C	mm	ft in	3,550	11'8"	
C ₁	mm	ft in	2,230	7'4"	
D	Ground clearance	mm	ft in	540	1'9"
D ₁	Ground clearance with log pusher	mm	ft in	250	0'10"
F	Min machine height with grapple tilted forward	mm	ft in	4,790	15'9"
K		mm	ft in	9,070	29'9"
L		mm	ft in	9,630	31'7"
M		mm	ft in	2,610	8'7"
N		mm	ft in	3,970	13'0"
T		mm	ft in	2,540	8'4"
U		mm	ft in	2,500	8'2"
X		mm	ft in	2,400	7'10"
Y		mm	ft in	3,260	10'8"
a ₁		mm	ft in	7,390	24'3"
a ₂		mm	ft in	6,980	22'11"
a ₃		mm	ft in	3,680	12'1"
a ₄		°	°	± 37	± 37
Log pusher length**	mm	ft in	200	0'8"	

* The 775/65 R29 tires affect the dimensions B, E, M, N, T by +70 mm (+0'3") and heights G, H, J, K, L by -70 mm (-0'3").

** The log pusher affects the length A by +200 mm (+0'8") and the lengths B, M, N by -200 mm (-0'8").

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



		Round shaped												Heart shaped								
Tires: 875/65 R29																						
		Order no.												55019237								
Clamping		Chain												Arms								
Grapple area		m ²	ft ²	3.4	36.6	3.7	39.8	4	43.1	4.3	46.3	3.4	36.6	3.7	39.8	4	43.1	4.3	46.3	3.7	39.8	
A	mm ft in	9,620 31'7"	9,680 31'9"	9,740 31'11"	9,770 32'1"	9,620 31'7"	9,680 31'9"	9,740 31'11"	9,770 32'1"	9,620 31'7"	9,680 31'9"	9,740 31'11"	9,770 32'1"	9,620 31'7"	9,680 31'9"	9,740 31'11"	9,770 32'1"	9,620 31'7"	9,680 31'9"	9,740 31'11"	9,770 32'1"	
E	mm ft in	1,560 5'1"	1,680 5'6"	1,800 5'11"	1,920 6'4"	1,560 5'1"	1,680 5'6"	1,800 5'11"	1,920 6'4"	1,560 5'1"	1,680 5'6"	1,800 5'11"	1,920 6'4"	1,560 5'1"	1,680 5'6"	1,800 5'11"	1,920 6'4"	1,560 5'1"	1,680 5'6"	1,800 5'11"	1,920 6'4"	
G	mm ft in	2,250 7'5"	2,130 6'12"	2,010 6'7"	1,890 6'2"	2,250 7'5"	2,130 6'12"	2,010 6'7"	1,890 6'2"	2,250 7'5"	2,130 6'12"	2,010 6'7"	1,890 6'2"	2,250 7'5"	2,130 6'12"	2,010 6'7"	1,890 6'2"	2,250 7'5"	2,130 6'12"	2,010 6'7"	1,890 6'2"	
H	mm ft in	5,980 19'7"	5,860 19'3"	5,740 18'10"	5,620 18'5"	5,980 19'7"	5,860 19'3"	5,740 18'10"	5,620 18'5"	5,980 19'7"	5,860 19'3"	5,740 18'10"	5,620 18'5"	5,980 19'7"	5,860 19'3"	5,740 18'10"	5,620 18'5"	5,980 19'7"	5,860 19'3"	5,740 18'10"	5,620 18'5"	
J	mm ft in	6,890 22'7"	6,830 22'5"	6,770 22'3"	6,710 22'0"	6,890 22'7"	6,830 22'5"	6,770 22'3"	6,710 22'0"	6,890 22'7"	6,830 22'5"	6,770 22'3"	6,710 22'0"	6,890 22'7"	6,830 22'5"	6,770 22'3"	6,710 22'0"	6,890 22'7"	6,830 22'5"	6,770 22'3"	6,710 22'0"	
O	mm ft in	3,090 10'2"	3,210 10'6"	3,330 10'11"	3,450 11'4"	3,090 10'2"	3,210 10'6"	3,330 10'11"	3,450 11'4"	3,090 10'2"	3,210 10'6"	3,330 10'11"	3,450 11'4"	3,090 10'2"	3,210 10'6"	3,330 10'11"	3,450 11'4"	3,090 10'2"	3,210 10'6"	3,330 10'11"	3,450 11'4"	
P	mm ft in	2,180 7'2"	2,240 7'4"	2,300 7'7"	2,360 7'9"	2,180 7'2"	2,240 7'4"	2,300 7'7"	2,360 7'9"	2,180 7'2"	2,240 7'4"	2,300 7'7"	2,360 7'9"	2,180 7'2"	2,240 7'4"	2,300 7'7"	2,360 7'9"	2,180 7'2"	2,240 7'4"	2,300 7'7"	2,360 7'9"	
R	mm ft in	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	2,400 7'10"	
R ₁	mm ft in	3,070 10'1"	3,130 10'3"	3,190 10'6"	3,220 10'7"	3,070 10'1"	3,130 10'3"	3,190 10'6"	3,220 10'7"	3,070 10'1"	3,130 10'3"	3,190 10'6"	3,220 10'7"	3,070 10'1"	3,130 10'3"	3,190 10'6"	3,220 10'7"	3,070 10'1"	3,130 10'3"	3,190 10'6"	3,220 10'7"	
S	mm ft in	3,730 12'3"	3,950 12'12"	4,160 13'8"	4,370 14'4"	3,730 12'3"	3,950 12'12"	4,160 13'8"	4,370 14'4"	3,730 12'3"	3,950 12'12"	4,160 13'8"	4,370 14'4"	3,730 12'3"	3,950 12'12"	4,160 13'8"	4,370 14'4"	3,730 12'3"	3,950 12'12"	4,160 13'8"	4,370 14'4"	
S ₁	mm ft in	4,300 14'1"	4,500 14'9"	4,700 15'5"	4,900 16'1"	4,300 14'1"	4,500 14'9"	4,700 15'5"	4,900 16'1"	4,300 14'1"	4,500 14'9"	4,700 15'5"	4,900 16'1"	4,300 14'1"	4,500 14'9"	4,700 15'5"	4,900 16'1"	4,300 14'1"	4,500 14'9"	4,700 15'5"	4,900 16'1"	
V	mm ft in	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	1,100 3'7"	
Grapple weight	kg lb	2,520 5,560	2,580 5,690	2,650 5,840	2,750 6,060	2,870 6,330	2,950 6,500	3,060 6,750	3,140 6,920	2,880	6,350											
Max working load*	kg lb	11,150 24,580	11,090 24,450	11,030 24,320	10,920 24,070	10,800 23,810	10,730 23,660	10,620 23,410	10,540 23,240	10,790	23,790											
Operating weight**	kg lb	36,300 80,030	36,360 80,160	36,420 80,290	36,520 80,510	36,650 80,800	36,720 80,950	36,830 81,200	36,910 81,370	36,650	80,800											
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		875		775 & 875								

* Fully articulated, with tire deflection, boom retracted by ~750 mm (2'6") with 875 tires and by ~850 mm (2'9") with 775 tires.

** Including liquid in rear tires.

Note: Log pusher increases operating weight by 970 kg (2,140 lb). Radiator grille guard (WL86023) increases operating weight by 130 kg (290 lb) and increases the working load by 100 kg (220 lb). Fire suppression system increases operating weight by 85 kg (190 lb).

Equipment

STANDARD EQUIPMENT

Engine

- Exhaust after-treatment system
- Two stage air cleaner, pre-cleaner, primary and secondary filter
- Indicator for coolant level
- Preheating of induction air
- Fuel pre-filter with water trap
- Fuel filter
- 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
- Rimpull control
- Indicator glass for transmission oil level
- Differentials: Front, 100% hydraulic diff lock. Rear, conventional.
- OptiShift
- Lock-up first gear

Electrical System

- 24 V, pre-wired for optional accessories
- Alternator 24V/80A/2280W
- Battery disconnect switch
- Fuel gauge
- Hour meter
- Electric horn
- Instrument cluster:
 - Fuel level
 - Diesel Exhaust Fluid/AdBlue level
 - Transmission temperature
 - Coolant temperature
 - Instrument lighting

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)

STANDARD EQUIPMENT

Contronic monitoring system

- Monitoring and logging of machine data
- Contronic display
- Fuel consumption
- Diesel Exhaust Fluid/AdBlue consumption
- Ambient temperature
- Clock
- Test function for warning and indicator lights
- Brake test
- Test function, sound level at max fan speed
- 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

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

Keypad, background lit

- Start interlock when gear is engaged

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

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)

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

Dual 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

Automatic lubrication system

Engine oil remote drain and fill

Transmission oil remote drain and fill

Lubrication manifolds, ground accessible

Pressure check connections: transmission and hydraulic, quick-connects

Quick-fit hydraulic oil fill

Tool box, lockable

External equipment

Orange hand rails

Fenders, front and rear

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
 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

Wheels and tires

775/65 R29
 875/65 R29

Drivetrain

Speed limiter

Electrical System

Anti-theft device
 Emergency stop
 Locking device, Tag out Lock out
 Headlights, assym. left
 License plate holder, lighting
 Rear vision system, colour LCD monitor in the cab
 Reduced function working lights, reverse gear activated
 Reverse alarm, audible
 Reverse alarm, audible, multi-frequency
 Reverse warning light, strobe lighting
 Side marker lamps
 Warning beacon LED
 Warning beacon LED automatic
 LED Head Light
 LED tail light
 LED working lights, attachments
 LED working lights on cab, front and rear
 LED working lights on cab, front, 2 alt. 4 LED lamps
 LED working lights on cab, rear, 2 alt. 4 LED lamps
 LED working lights, rear in grille, 2 LED lamps
 LED working lights, front above head lamps, 2 LED lamps
 LED work lights, side on cab, 4 LED lamps
 LED work lights, attachments, 6 LED lamps
 LED light packages
 Working lights halogen, attachments
 Working lights on cab halogen, front and rear
 Working lights on cab halogen, rear
 Electrical distribution unit 24 volt
 Radar detect system
 Jump start connector, NATO-Type

OPTIONAL EQUIPMENT

Hydraulic system

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

Brake system

Stainless steel, brake lines

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, Volvo air susp, heavy-duty, high back, heated
 Operator's seat, (air seat std) 2-point seat belt
 Operator's seat, (air seat std) 3-point seat belt
 Operator's seat, Premium Comfort ISRI
 Operator's seat, Premium Comfort ISRI 3-point seat belt
 Radio installation kit incl. 12 volt outlet, left side
 Radio installation kit incl. 12 volt outlet, right side
 Radio (with AUX, Bluetooth and USB connection)
 DAB Radio
 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
 Delayed Engine Shutdown

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
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)
Secondary steering with automatic test function
Sound decal, EU
Sound decal, USA
Reflecting stickers (decals), machine contour
Reflecting stickers (stripes), machine contour Cab
Option for machines without dinitrol
Noise reduction kit, exterior
Sign, slow moving vehicle
Sign, 50 km/h (31 mph)
Attachments
Log grapples

V O L V O