

Volvo Wheel Loaders 11.0-13.6 t 164 hp



Volvo Construction Equipment

L60H

Leave the heavy-duty work for the L60H, designed to do more, be more comfortable and help you increase your productivity.



Designed to do more

Hard work has never felt so easy. H-Series wheel loaders are built with an industryleading, strong frame, which, combined with the ideally-matched genuine Volvo drivetrain, achieves long-lasting performance. And with the help of a range of smart apps you can boost the efficiency of your operation from the comfort of the cab.



Loaded with versatility

- Torque Parallel linkage
- Volvo attachment bracket
- Range of purpose-built attachments
- Rehandling bucket
- 3rd and 4th hydraulic functions



Keep it moving

- Quick hydraulic oil fill thanks to new mounted nipple
- Improved cooling capacity
- Strong frame and central hinge
- Optional delayed engine shutdown



Safety as standard

- Anti-slip steps and strategically placed handrails
- Orange seatbelt
- Redesigned side mirrors
- Rear-view camera



Strong and stable

- Optimized loading unit weight, heavyduty counterweight for greater stability
- Standard electro-servo controls
- Bucket leveling function



Increased productivity

- Optional lock-up converter
- Rimpull control
- Smart Control
- Smooth Control
- Eco pedal



Greater access

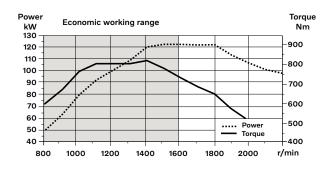
- Cooler installation slides out for easier cleaning
- Repositioned fill spouts for transmission and engine oil
- Ground-level access to service points
- Electronically-operated engine hood

Volvo L60H in detail

Engine

6-cylinder, 6 liters inline turbocharged diesel engine with an advanced fuel injection system with the common rail. Fuel is distributed under high pressure from a high-pressure accumulator, the rail. One belt driven high pressure pump deliver the fuel to the rail and then further on via high-pressure pipes to the electronically operated fuel injectors. Engine meets Stage V emission legislation.

Engine	Volvo	D6J
Max. power at	r/min	1 500 - 1 800
ISO 14396 gross	kW	122
	hp	164
ISO 9249, SAE J1349 net	kW	122
	hp	164
Max. torque at	r/min	1 400
ISO 14396 gross	Nm	820
ISO 9249, SAE J1349 net	Nm	820
Economic working range	r/min	800 - 1 600
Displacement	I	5.7



Electrical 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 front and rear axles, etc.

Batteries	V	2 x 12
Battery capacity	Ah	2 x 110
Cold cranking capacity, approx	А	680
Alternator rating	W/A	3 135/80
Starter motor output	kW	5.5

Brake system

Service brake: Volvo dual-circuit system with outboard mounted,

hydraulically operated, fully sealed and circulating oil cooled wet disc brakes. Four operator selectable transmission disengagement settings while braking.

Parking brake: Dry disc brake mounted on the transmission output shaft. Applied by spring force, electro-hydraulically released with a switch on the instrument panel.

Secondary brake: Dual brake circuits with rechargeable accumulators. Standard: The brake system complies with the requirements of ISO 3450, 71/320/EEC

Number of brake discs per wheel		1
Accumulators	1	3 x 0.5
Accumulators for parking brake	I	1 x 0.5

Lift Arm System		
Torque parallel linkage (TP-linkage) wi lift-arm action.	th high breakout torq	ue and parallel
Lift cylinders		2
Cylinder bore	mm	110
Piston rod diameter	mm	70
Stroke	mm	665
Tilt cylinder		1
Cylinder bore	mm	150
Piston rod diameter	mm	80
Stroke	mm	444
Steering System		
	1 11 6 1 6	1 1

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

Steering cylinders: Two double-acting cylinders

eteening e, meeter the dealer dealer of the	20101	
Steering cylinders		2
Cylinder bore	mm	70
Rod diameter	mm	45
Stroke	mm	386
Working pressure	MPa	21
Maximum flow	l/min	60
Maximum articulation	±°	40

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 air suspension and retractable seatbelt. The seat is mounted on a bracket on the rear cab wall and floor. The forces from the retractable seatbelt are absorbed by the seat rails. Standards: 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.

Emergency exit: Use emergency hammer to	break window	V
Ventilation	m³/min	9
Heating capacity	kW	16
Air conditioning (optional)	kW	7.5
Sound Level		
Sound pressure level in cab according to ISC	D 6396	
L _{pA}	dB	68
External sound level according to ISO 6395		
Lwa	dB	104
Service Refill		
Service accessibility: Large, electrically oper covering whole engine compartment. Fluid fil		

covering whole engine compartment. Fluid filters and component breather air filters are located from ground level access and promote long service intervals. Machine contronics have possibility to monitor, log and analyze data to facilitate troubleshooting. A quick-fit adapter on the hydraulic tank provides faster hydraulic oil fill.

Fuel tank	I	222
DEF/AdBlue [®] tank	1	20
Engine coolant	I	30
Hydraulic oil tank	I	90
Transmission oil (non lock-up)	I	21
Transmission oil (lock-up)	I	22
Engine oil	I	20
Axle oil front	I	25
Axle oil rear	1	25

Hydraulic system

Closed center load sensing hydraulic system with non pressurised hydraulic tank and pilot operated control valves. System supply: Variable displacement axial piston pump supply the

hydraulic system.

Valves: The central valve distributes pressure and flow out to the cooling fan, steering, brake, pilot and hydraulic system. Steering system gets

priority over others. Lift function: The valve has four positions; raise, hold, lower and float position. Automatic boom kickout position can be set to any position between maximum reach and full lifting height.

Tilt function: The valve has three functions; rollback, hold and dump. Automatic tilt out/tilt in can be adjusted to the desired bucket angle. Cylinders: Double-acting cylinders for all functions.

Filter: Full flow filtration through 10 micron (absolute) filter cartridge. Working pressure maximum, pump 2

for steering-, brake-, pilot- and working hydraulic system	MPa	26
Flow	l/min	145
at	MPa	10
engine speed	r/min	1900
Working pressure maximum, pump 3 for brake- and cooling fan system	MPa	21
Flow	l/min	33
at	MPa	10
engine speed	r/min	1900
Pilot system, working pressure	MPa	3.5
Cycle times		
Lift	S	5.4
Tilt	s	1.9
Lower, empty	S	2.7
Total cycle time	S	10

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. Transmission: Volvo Automatic Power Shift (APS) gear shifting system with fully automatic shifting 1-4 and mode selector with 4 different gear

shifting programs, including AUTO mode. Also equipped with Fumering gear control to avoid wheel spin and optimize bucket filling. **Axles:** Volvo fully floating axle shafts with planetary hub reductions and cast steel axle housing. Fixed front axle and oscillating rear axle. 100% differential lock on the front axle.

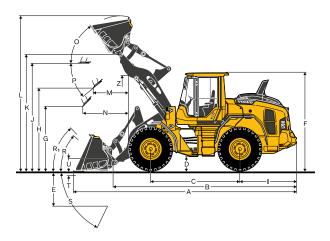
Transmission	Volvo	HTE 125C Non Lock-up / HTE 125 Lock-up
Torque multiplication, stall ratio		2.5:1 Non Lock-up / 2.59:1 Lock-up
Maximum speed		
1st gear	km/h	Converter 7.5 / Lock-up 7.5
2nd gear	km/h	Converter 15 / Lock-up 15
3rd gear	km/h	Converter 28 / Lock-up 29
4th gear	km/h	Converter 46 / Lock-up 50
4th gear: Shown in speedometer and limited by	ECU	
Measured with tires		20.5R25
Front axle/rear axle		AWB 15/AWB 15
Rear axle oscillation	±°	13
Ground clearance	mm	470
at oscillation	٥	13

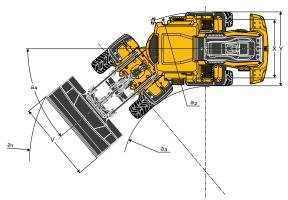


Specifications

Tires	20.5	R25	L3

		L60H	
		Standard boom	Long boom
В	mm	6 010	6 520
С	mm	3 000	3 000
D	mm	440	430
F	mm	3 270	3 270
G	mm	2 133	2 134
L	mm	1 855	1855
J	mm	3 550	4 080
К	mm	3 870	4 380
0	0	56	56
P _{max}	0	45	42
R	0	43	45
R1*	0	46	50
S	0	79	79
Т	mm	123	150
U	mm	410	590
х	mm	1900	1 900
Y	mm	2 430	2 430
Z	mm	3 210	3 590
a2	mm	5 340	5 340
a ₃	mm	2 900	2 900
a4	±°	40	40



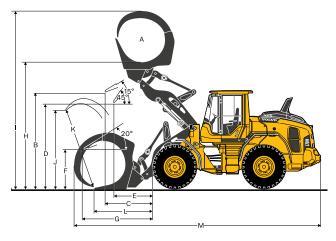


* Carry position SAE

 $\label{eq:calculated} \ensuremath{\mathsf{with}}\xspace \ensuremath{\mathsf{additional}}\xspace \ensuremath{\mathsf{protective}}\xspace \ensuremath{\mathsf{guarding}}\xspace$

Where applicable, specifications and dimensions are according to ISO 7131, SAE J732, ISO 7546, SAE J742, ISO 14397, SAE J818

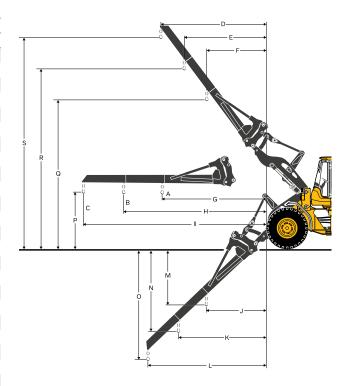
Tires: 20.5R25 L3		
		L60H
SAE-Load	kg	3 450
Operating weight without load*	kg	12 883
Grapple sales code		82 194
A	m ²	1.3
В	mm	3 412
С	mm	1483
D	mm	2 929
E	mm	1 175
F	mm	1532
G	mm	2 350
Н	mm	4 333
I	mm	5 878
J	mm	1 997
К	mm	2 080
L	mm	1 709
Μ	mm	7 861



* Calculated with additional protective guarding

Tires: 20.5R25 L3

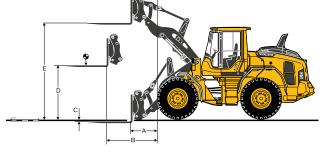
		L60H
Material handling arm sales code		92007
A*	kg	1800
B*	kg	1 400
C*	kg	1 150
Static tipping load, straight	kg	3 238
35deg. Turn	kg	2 910
at full turn	kg	2 814
D	mm	2 592
E	mm	2 002
F	mm	1465
G	mm	3 270
н	mm	4 305
1	mm	5 439
J	mm	905
К	mm	1 2 2 7
L	mm	1 580
Μ	mm	2 258
Ν	mm	3 241
0	mm	4 319
P	mm	1 512
Q	mm	5 286
R	mm	6 171
S	mm	7 139
Operating weight without load	kg	11 885



* Op. load at full turn + tipping position

Tipping loads calculated for max. arm length % $\left(f_{1}, f_{2}, f_{3}, f_{3}$ **Calculated with additional protective guarding

Tires: 20.5R25 L3						
		L60H				
Fork frame sales code	83768					
Fork tines sales code (R/L)		80042/80043				
Static tipping load, straight	kg	6 930				
35deg. Turn	kg	6 230				
at full turn	kg	6 024				
at load center distance*	mm	600				
A	mm	798				
В	mm	1 567				
С	mm	-38				
D	mm	1 831				
E	mm	3 713				
F	mm	700				
Operating weight without load	kg	11 965				



* Firm and level ground

**Calculated with additional protective guarding

Specifications

Tires 20.5 R25 L3		REHANDLING ⁽¹⁾		GENERAL PURPOSE			GRADING	LIGHT M	ATERIAL	LONG BOOM ⁽³⁾		
			6	6	6		6	êÐ,	6	8		
			WLA54427685	WLA54427682	WLA86398	WLA86402	WLA86411	WLA86405	WLA92476	WLA92564	WLA92565	-
			2.3 m ³ STE P BOE	2.3 m ³ STE H BOE	1.8 m ³ STE H T	2.1 m ³ STE H BOE	2.3 m ³ STE P BOE	2.3 m ³ STE H BOE	1.7 m ³ GRB H BOE	3.1 m ³ LM H BOE	5 m ³ LM H BOE	2.3 m ³ STE P BOE
Volum	ne, heaped ISO/SAE	m³	2.3	2.3	1.8	2.1	2.3	2.3	1.7	3.1	5	-
Volum	ne at 110% fill factor	m³	2.5	2.5	2	2.3	2.5	2.5	1.9	3.4	5.5	-
Static	tipping load, straight	kg	9 130	8 690	8 800	8 580	8 950	8 490	7 500	8 190	8 190	-1790
at 35'	° turn	kg	8 170	7 740	7 870	7 660	8 020	7 580	6 710	7 300	7 270	-1 650
at full	turn	kg	7 880	7 460	7 600	7 390	7 740	7 310	6 470	7 040	7 0 0 0	-1 600
Break	out force	kN	78.6	72.9	86.7	78.6	81.0	75.3	60.3	61.8	53.8	+8.3
А	Overall length	mm	7 380	7 490	7 4 4 0	7 380	7 340	7 440	7 660	7 690	7 910	+520
Е	Digging depth, max dump (S)	mm	1 180	1280	1 2 2 0	1 180	1140	1230	1 410	1490	1 710	+40
H ⁽²⁾	Dump clearance	mm	2 770	2 720	2 750	2 790	2 800	2 750	2 510	2 570	2 430	+550
L	Overall operating height	mm	5 2 3 0	5 340	5 0 2 0	5 100	5 110	5 170	4 520	5 280	5 480	+520
M (2)	Dump reach	mm	1 070	1 170	1 130	1 100	1040	1140	1 130	1 320	1500	+20
N ⁽²⁾	Reach at 45° discharge, pos. G	mm	1590	1620	1600	1 590	1580	1 610	1480	1 620	1 670	+450
V	Bucket width	mm	2 500	2 500	2 500	2 500	2 500	2 500	2 500	2 550	2 650	0
a1	Outer clearance circle (diameter)	mm	11 800	11 830	11 800	11 770	11 780	11 800	12 140	12 010	12 240	+480
Opera	ating weight without load	kg	12 100	12 380	12 020	12 120	11 870	12 170	12 010	12 200	12 490	+230
1) Mor	sured with additional counterweig	aht										

(1) Measured with additional counterweight.

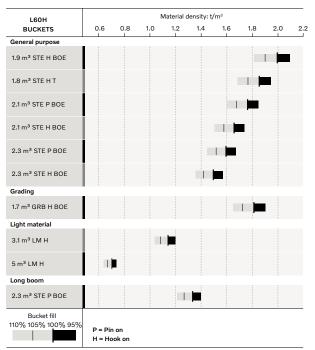
(2) Measured to the tip of the bucket teeth or bolt-on edge. Dump height to bucket edge measured at 45° dump angle.

Note: This only applies to genuine Volvo attachments.

Bucket Selection Chart

The chosen bucket is determined by the density of the material and the expected bucket fill factor. The actual bucket volume is often larger than the rated capacity, due to the features of the TP linkage, including an open bucket design, good rollback angles in all positions and good bucket filling performance. The example represents a standard boom configuration. Example: Sand and gravel. Fill factor ~ 105%. Density 1.65 t/m³. Result: The 1.9 m³ bucket carries 2.0 m³. For optimal stability always consult the bucket selection chart.

Material	Bucket fill, %	Material density, t/m ³	ISO/SAE bucket volume, m ³	Actual volume, m ³
Earth/Clay	~ 110	~ 1.55 ~ 1.40 ~ 1.30	1.9 2.1 2.3	2.1 2.3 2.5
Sand/Gravel	~ 105	~ 1.65 ~ 1.50 ~ 1.35	1.9 2.1 2.3	2.0 2.2 2.1
Aggregate	~ 100	~ 1.75 ~ 1.55 ~ 1.55	1.9 2.1 2.3	1.9 2.1 2.3
Rock	≤100	~ 1.70	1.7	1.7



How to read bucket fill factor

Supplemental Operating Data

		Long boom			
Tires 20.5 R25 L3		17.5 R25 L3	20.5 R25 L2 *	600/65 R25 L3	600/65 R25 L3
Width over tires	mm	-130	+10	+100	+100
Ground clearance	mm	-60	-10	-30	-20
Tipping load, full turn	kg	-270	+50	-60	-30
Operating weight	kg	-480	+90	+10	+10
+ Caracteria					

* Snow tires

Equipment

STANDARD EQUIPMENT	STANDARD EQUIPMENT
Engine	Contronic monitoring system
Exhaust after-treatment system	Contronic display
3-stage air cleaner, pre-cleaner, primary and secondary filter	Fuel consumption
Indicator glass for coolant level	Ambient temperature
Preheating of induction air	Clock
Fuel pre-filter with water trap	Test function for warning an
Fuel filter	Brake test
Crank case breather oil trap	Warning and indicator lights
Exhaust heat ventilation	Battery charging
Wheels and tires	Parking brake
17.5R25	Warning and display message
20.5R25	Regeneration
600/65R25	Engine coolant temperature
Drivetrain	Charge air temperature
Automatic Power Shift	Engine oil temperature
Fully automatic gear shifting, 1-4	Engine oil pressure
PWM-controlled gear shifting	Transmission oil temperatur
Forward and reverse switch by hydraulic lever console	Transmission oil pressure
Rimpull control	Hydraulic oil temperature
Indicator glass for transmission oil level	Brake pressure
Differentials: Front, 100% hydraulic diff lock. Rear, conventional	Parking brake applied
Electrical system	Brake charging
24 V, pre-wired for optional accessories	Overspeed at direction chan
Alternator 80A/3135W	Axle oil temperature
Battery disconnect switch	Steering pressure
Maintenance-free batteries	Crank case pressure
Battery box, steel	Attachment lock open
Fuel gauge	Level warnings:
Electric horn	Fuel level
Instrument cluster:	Diesel Exhaust Fluid/AdBlue
Fuel level	Engine coolant level
Diesel Exhaust Fluid/AdBlue level	Transmission oil level
Transmission temperature	Hydraulic oil level
Coolant temperature	Washer fluid level
Instrument lighting	Engine torgue reduction in c
Lighting:	High engine coolant temper
Twin halogen front headlights with high and low beams	High engine oil temperature
Parking lights	Low engine oil pressure
Double brake and tail lights	High crank case pressure
Turn signals with flashing hazard light function	High charge air temperature
Halogen work lights (2 front and 2 rear)	Engine shutdown to idle in c
	High transmission oil tempe
	- ingit transmission on tempe

em nd indicator lights ts: age: е ire nge ie level case of malfunction indication: rature e e case of malfunction indication: erature Slip in transmission clutches Key pad, background lit Start interlock when gear is engaged Hydraulic system Main valve, double acting 2-spool with hydraulic pilots Variable displacement axial piston pumps (2) for: Working hydraulics, pilot hydraulics, steering system, brakes Cooling fan, brakes Hydraulic control levers Mechanical hydraulic lever lock Automatic boom kick-out Automatic bucket positioner Double acting hydraulic cylinders Indicator glass for hydraulic oil level Hydraulic oil cooler Brake system Dual brake circuits Dual brake pedals Secondary brake system Parking brake, electrical-hydraulic Brake wear indicators

Outboard mounted circulating oil cooled wet disc brakes on all four wheels

Equipment

STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
Cab	Hydraulic system
ROPS (ISO 3471), FOPS (ISO 3449)	Arctic kit: Attachment locking, pilot hoses and hydraulic oil
Single key kit door/start	Attachment bracket, cast, visibility-optimized
Acoustic inner lining	Attachment bracket, side-tilting
Cigarette lighter, 24 V power outlet	Separate attachment locking, long boom
Lockable door	Separate attachment locking, standard boom
Cab heating with fresh air inlet and defroster	Single acting lifting function
Fresh air inlet with two filters	Boom suspension system
Automatic heat control	Hydraulic fluid, biodegradable, Volvo
Floor mat	Hydraulic fluid, fire resistant
Dual interior lights	Hydraulic fluid, for hot climate
Interior rearview mirrors	Detent for 3rd hydraulic function
Dual exterior rearview mirrors	Adjustable flow for 3rd hydraulic function
Sliding window, right side	Hydraulic, 2 functions Electro-servo, std/long boom
Tinted safety glass	Hydraulic, 3 functions Electro-servo, std/long boom
Retractable seatbelt (SAE J386)	Hydraulic, 4 functions Electro-servo, std/long boom
Adjustable steering wheel	Single lever control, 2 funct Electro-servo, std/long boom
Storage compartment	Single lever control, 3 funct Electro-servo, std/long boom
Document pocket	Single lever control, 4 funct Electro-servo, std/long boom
Sun visor	
	Brake system
Beverage holder	Parking brake alarm, audible
Windshield washer front and rear	Cab
Windshield wipers front and rear	ACC control panel, with Fahrenheit scale
Interval function for front and rear wipers	Anchorage for Operator's manual
Foot step, left side (toolbox lockable included)	Asbestos dust protection filter
Service and maintenance	Automatic Climate Control, ACC
Engine oil remote drain and fill	Automatic Climate Control, ACC, corrosion protection condenser
Transmission oil remote drain and fill	Cab air pre-cleaner, cyclone type
Sliding hydraulic oil cooler and AC-condenser	Carbon filter - cab
Lubrication manifolds, ground accessible	Remote door opener
Pressure test ports: transmission and hydraulic, quick connects	Lunch box holder
Service platforms with anti-slip surfaces	Operator's seat, Volvo air-suspended, heavy-duty, high back, heated
Quick-fit hydraulic oil fill	Operator's seat, Volvo air-susp, 3-point seatbelt
CareTrack	Operator's seat, ISRI, heated, high back
Telematics, 6 -year subscription	Operator's seat, Premium Comfort ISRI
Toolbox, lockable	Operator's seat, Premium Comfort ISRI 3-point seat belt
External equipment	Armrest, operator's seat, ISRI, left only
Basic fenders, front and rear	Armrest, operator's seat, Volvo, left
Viscous cab mounts	Safety belt, 3" (75mm) width
Rubber engine and transmission mounts	Safety belt warning
Engine hood, electronically openable	Radio installation kit including 12 volt outlet, left-side
Frame, joint lock	Radio installation kit including 12 volt outlet, right-side
Vandalism lock for engine compartment	Radio installation kit, 12V, for USA
Lifting eyes	Radio with AUX, Bluetooth and USB connection
Tie down eyes	DAB Radio
Tow hitch	Subwoofer
Counterweight, pre-drilled for optional guards	Forward view mirror
5 /1 · · · · · · · · · · · · ·	Rear view mirrors, el.adjusted and heated
	Rear view mirrors, long arm right
	Rear view mirrors, el.adjusted and heated, long arm right
	Steering wheel knob

OPTIONAL EQUIPMENT
Engine
Air pre-cleaner, cyclone type
Air pre-cleaner, oil-bath type
Air pre-cleaner, turbo type
Engine auto shut down
Engine block heater, 120V / 230V
Fuel heater
Fuel fill strainer
Hand throttle control
Max. fan speed, hot climate
Reversible cooling fan
Drivetrain
Lock-up torque converter
Rear axle with limited slip
Speed limiter, 20 km/h
Speed limiter, 30 km/h
Speed limiter, 40 km/h

10

Universal door/ignition key Window, sliding, door Cab, Hot applications. Roof, steel Fire extinguisher cab Outside steel protection cab Rear view mirrors long arm, cab Reinforced windshield, flat Service and maintenance Automatic lubrication system Automatic lubrication system for long boom

Automatic lubrication system for long boom Oil sampling valve Refill pump for automatic lubrication system Tool kit

Wheel nut wrench kit

Steering wheel knob Sun blinds, rear windows Sun blinds, side windows Timer cab heating

OPTIONAL EQUIPMENT	OPTIONAL EQUIPMENT
Electrical	External equipment
Battery disconnect switch, additional in cab	Deleted front mudguards
Anti-theft device	Fire extinguisher
Headlights, assym. left	Bracket for fire extinguisher
Headlights, assym. right LED	Fire suppression system
Headlights, assym. left LED	Mudguards, full cover, rear for 80-series tires
Emergency stop	Mudflap kit for mudguards, full cover for 80-series tires
License plate holder, lighting	Mudguards, full cover, rear and front/rear for 65-series tires
Reduced function working lights when reverse gear activated	Mudflap kit for mudguards, full cover for 65-series tires
Side marker lamps	Footsteps front frame
Forward camera, colour	Footsteps, right-hand side
Rear view camera including monitor, colour	Flexible rear step
Rear view mirrors, long arm, right side	Cab ladder, rubber suspended
Rearview mirrors, adjustable, el. heated	Other equipment
Reverse alarm	CareTrack, GSM/Satellite
Reverse lights	CE-marking
Reversing warning light	Comfort Drive Control (CDC) Electro-servo
Warning beacon (flasher), LED automatic	Secondary steering
Warning beacon (flasher), LED	Counterweight, logging
Seatbelt indicator, external	Counterweight, signal painted, chevrons
Working lights, attachments, 1 LED	Option for machines without dinitrol
Warning beacon LED	Noise reduction kit, EU excluding decal
Warning beacon LED automatic	Sign, 50 km/h
LED Head Light	Sign, slow moving vehicle
LED tail light	Tires and Rims
LED working lights, attachments	17.5R25
LED working lights on cab, front and rear	20.5R25
LED working lights on cab, front, 2 alt. 4 LED lamps	600/65R25
LED working lights on cab, rear, 2 alt. 4 LED lamps	620/75R26 Agriculture application only
LED working lights, rear in grille, 2 LED lamps	750/65R26 Agriculture application only
LED working lights, front above head lamps, 2 LED lamps	Attachments
LED work lights, side on cab, 4 LED lamps	Buckets:
LED light packages	Straight
Working lights halogen, attachments	Spade nose
Working lights on cab halogen, front and rear	High tipping
Working lights on cab halogen, rear	Light material
Co Pilot available	Grading
Rearview camera in Co pilot	Wear parts: Bolt-on edge
Max Boom height Can Bus Interface	Bolt-on or weld-on bucket teeth
Delayed Engine Shutdown Protective equipment	Segments
Anti-theft device	Log grapples
Bellyguard front	Fork equipment Material handling arm
	Snow blade
Bellyguard rear	
Boom cylinder hose and tube guards Cab roof, heavy duty	Broom Sand spreading bucket
Center hinge and rear frame guard	Bale clamp
Corrosion protection, painting of machine	Drum rotator
Cover plate front frame, heavy-duty	Brain totator
Cover plate, under cab	
Cover plates rear frame	
Guards for front headlights	
Guards for radiator grill	
Guards for tail lights, heavy-duty Wheel/axle seal guards	
Window guards, side and rear	
Window guards, side and rear	

Window guards, sid Windshield guard

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.

VOLVO