

V O L V O



Volvo Wheel Loaders 11.0-13.6 t / 24,250-29,980 lb 164 hp

L60H

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 industry-leading, 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
- Standard delayed engine shutdown
- Optional Load Assist Tire Pressure monitoring



Safety as standard

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



Strong and stable

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



Increased productivity

- Optional lock-up converter
- Rimpull control
- Smart Control
- Smooth Control
- Eco pedal
- Load Assist On-Board Weighing hardware- Standard
- Load Assist Operator Coaching - Standard



Greater access

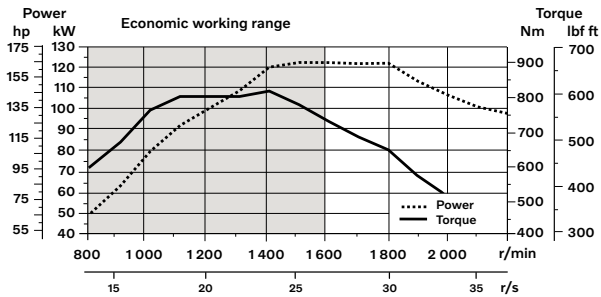
- Cooler installation slides out for easier cleaning
- Repositioned fill spouts for transmission and engine oil
- Ground-level access to service points
- Electronically-operated engine hood

Volvo L60H in detail

Engine

6-cylinder, 6 liter 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 Tier 4f/ EU Stage V emission legislation.

Engine	Volvo	D6J
Max. power at	rpm (rps)	1,500 - 1,800 (25 - 30)
ISO 14396 gross	kW (hp)	122 (164)
ISO 9249, SAE J1349 net	kW (hp)	122 (164)
Max. torque at	rpm (rps)	1,400 (23)
ISO 14396 gross	Nm (lbf ft)	820 (605)
ISO 9249, SAE J1349 net	Nm (lbf ft)	820 (605)
Economic working range	rpm (rps)	800 - 1,600 (13.3 - 26.7)
Displacement	lit (in ³)	5.7 (348)



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, Overspeeding in engaged gear, High brake cooling oil temperature front and rear axles, etc.

Batteries	V	2 x 12
Battery capacity	Ah	2 x 110
Cold cranking capacity, approx	A	1,000
Alternator rating	W/A	3,640 / 130
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. Operator selectable, four transmission declutch 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	lit (gal.)	3 x 0.5 (3 x 0.13)
Accumulators for parking brake	lit (gal.)	1 x 0.5 (1 x 0.13)

Lift Arm System

Torque parallel linkage (TP-linkage) with high breakout torque and parallel lift-arm action.

Lift cylinders		2
Lift cylinder bore	mm (in)	110 (4.3)
Lift cylinder piston rod diameter	mm (in)	70 (2.8)
Lift cylinder stroke	mm (in)	665 (26.2)
Tilt cylinder		1
Tilt cylinder bore	mm (in)	150 (5.9)
Tilt cylinder piston rod diameter	mm (in)	80 (3.1)
Tilt cylinder stroke	mm (in)	444 (17.5)

Steering System

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)	70 (2.8)
Rod diameter	mm (in)	45 (1.8)
Stroke	mm (in)	386 (15.2)
Working pressure	MPa (bar)	21 (210)
Maximum flow	l/min (gal/min)	60 (15.9)
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

Ventilation	m ³ /min (yd ³ /min)	9 (11.8)
Heating capacity	kW	16
Air conditioning (optional)	kW	7.5

Sound Level

Sound level in cab according to ISO 6396 - L _{pA}	dB	68
External sound level (ISO 6395 and EU Noise Directive 2000/14/EC) - L _{WA}	dB	104

Service Refill

Service accessibility: Large, electrically operated easy-to-open hood 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	lit (gal.)	222 (58.6)
DEF/AdBlue® tank	lit (gal.)	20 (5.3)
Engine coolant	lit (gal.)	30 (7.9)
Hydraulic oil tank	lit (gal.)	90 (23.8)
Transmission oil (non lock-up)	lit (gal.)	21 (5.5)
Transmission oil (lock-up)	lit (gal.)	22 (5.8)
Engine oil	lit (gal.)	20 (5.2)
Axle oil front	lit (gal.)	25 (6.6)
Axle oil rear	lit (gal.)	25 (6.6)

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 (bar)	26 (260)
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Flow	l/min (gal/min)	145 (38.3)
at	MPa (bar)	10 (100)
engine speed	rpm (rps)	1,900 (31.7)

Working pressure maximum, pump 3 for brake- and cooling fan system	MPa (bar)	21 (210)
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Flow	l/min (gal/min)	33 (8.7)
at	MPa (bar)	10 (100)
engine speed	rpm (rps)	1,900 (31.7)

Pilot system, working pressure	MPa (bar)	3.5 (35)
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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 Rimpull control to avoid wheel spin and optimize bucket filling.

Axes: 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	HTE 125C Non Lock-up / HTE 125 Lock-up
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Torque multiplication, stall ratio	2.5:1 Non Lock-up / 2.59:1 Lock-up
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Maximum speed, forward/reverse

1st gear - Converter	km/h (mph)	7.5 (4.6)
1st gear - Lock-up	km/h (mph)	7.5 (4.6)
2nd gear - Converter	km/h (mph)	15 (9.3)
2nd gear - Lock-up	km/h (mph)	15 (9.3)
3rd gear - Converter	km/h (mph)	28 (17.4)
3rd gear - Lock-up	km/h (mph)	29 (18)
4th gear - Converter	km/h (mph)	46 (28.6)
4th gear - Lock-up	km/h (mph)	50 (31)

4th gear: Shown in speedometer and limited by ECU

Measured with tires	20.5R25
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Front axle/rear axle	AWB15/AWB15
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Rear axle oscillation	±°	13
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Ground clearance	mm (in)	470 (18.5)
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at oscillation	°	13
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Specifications

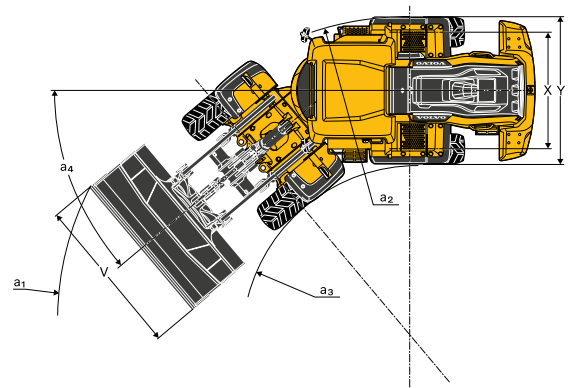
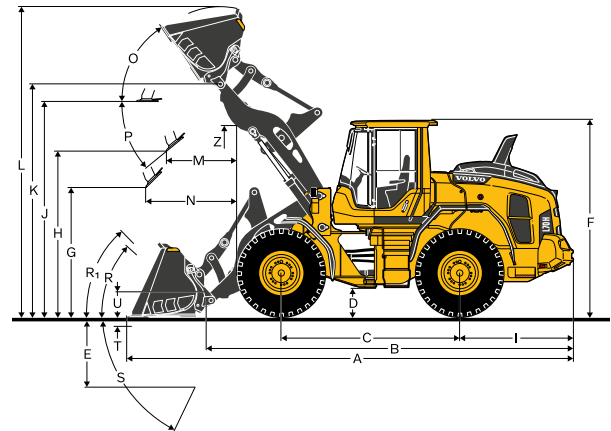
Tires 20.5 R25 L3

			L60H			
			Standard boom		Long boom	
B	mm	ft in	6,010	19'9"	6,520	21'5"
C	mm	ft in	3,000	9'10"	3,000	9'10"
D	mm	ft in	440	1'5"	430	1'5"
F	mm	ft in	3,270	10'9"	3,260	10'8"
G	mm	ft in	2,133	7'0"	2,134	7'0"
I	mm	ft in	1,855	6'1"	1,855	6'1"
J	mm	ft in	3,550	11'8"	4,080	13'5"
K	mm	ft in	3,870	12'8"	4,380	14'4"
O	°		56		56	
P _{max}	°		45		42	
R	°		43		45	
R ₁ *	°		46		50	
S	°		79		79	
T	mm	ft in	123	0'5"	150	0'6"
U	mm	ft in	410	1'4"	590	1'11"
X	mm	ft in	1,900	6'3"	1,900	6'3"
Y	mm	ft in	2,430	7'12"	2,430	7'12"
Z	mm	ft in	3,210	10'6"	3,590	11'9"
a ₂	mm	ft in	5,340	17'6"	5,340	17'6"
a ₃	mm	ft in	2,900	9'6"	2,900	9'6"
a ₄	±°		40		40	

* Carry position SAE

Calculated with additional protective guarding

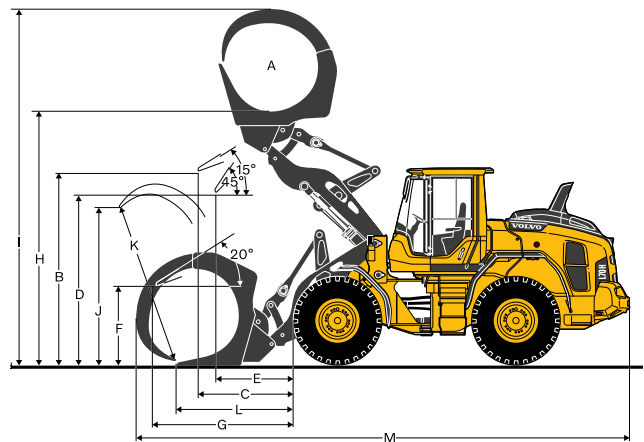
Where applicable, specifications and dimensions are according to ISO 7131, SAE J732, ISO 7546, SAE J742, ISO 14397, SAE J818



Tires: 20.5R25 L3

			L60H	
SAE-Load	kg	lb	3,450	7,606
Operating weight without load*	kg	lb	12,883	28,402
Grapple sales code			WLA82194	
A	m ²	yd ²	1.3	1.6
B	mm	ft in	3,412	11'2"
C	mm	ft in	1,483	4'10"
D	mm	ft in	2,929	9'7"
E	mm	ft in	1,175	3'10"
F	mm	ft in	1,532	5'0"
G	mm	ft in	2,350	7'9"
H	mm	ft in	4,333	14'3"
I	mm	ft in	5,878	19'3"
J	mm	ft in	1,997	6'7"
K	mm	ft in	2,080	6'10"
L	mm	ft in	1,709	5'7"
M	mm	ft in	7,861	25'9"

* Calculated with additional protective guarding



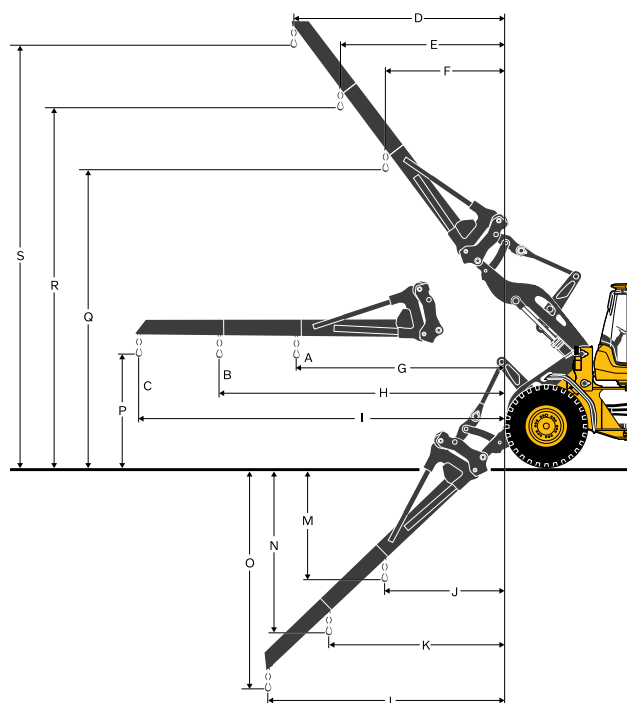
Tires: 20.5R25 L3

			L60H	
Material handling arm sales code			92007	
A*	kg	lb	1,800	3,968
B*	kg	lb	1,400	3,086
C*	kg	lb	1,150	2,535
Static tipping load, straight	kg	lb	3,238	7,139
35deg. Turn	kg	lb	2,910	6,415
at full turn	kg	lb	2,814	6,204
D	mm	ft in	2,592	8'6"
E	mm	ft in	2,002	6'7"
F	mm	ft in	1,465	4'10"
G	mm	ft in	3,270	10'9"
H	mm	ft in	4,305	14'1"
I	mm	ft in	5,439	17'10"
J	mm	ft in	905	2'12"
K	mm	ft in	1,227	4'0"
L	mm	ft in	1,580	5'2"
M	mm	ft in	2,258	7'5"
N	mm	ft in	3,241	10'8"
O	mm	ft in	4,319	14'2"
P	mm	ft in	1,512	5'0"
Q	mm	ft in	5,286	17'4"
R	mm	ft in	6,171	20'3"
S	mm	ft in	7,139	23'5"
Operating weight without load	kg	lb	11,885	26,202

* Op. load at full turn + tipping position

Tipping loads calculated for max. arm length

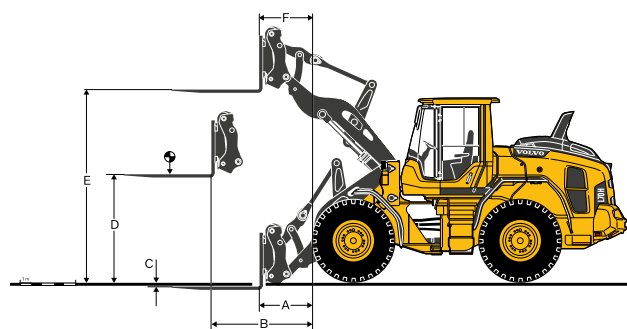
**Calculated with additional protective guarding


Tires: 20.5R25 L3

			L60H	
Fork frame sales code			83768	
Fork tines sales code (R/L)			80042/80043	
Static tipping load, straight	kg	lb	6,930	15,278
35deg. Turn	kg	lb	6,230	13,735
at full turn	kg	lb	6,024	13,281
at load center distance*	mm	ft in	600	2'0"
A	mm	ft in	798	2'7"
B	mm	ft in	1,567	5'2"
C	mm	ft in	-38	-1'11"
D	mm	ft in	1,831	6'0"
E	mm	ft in	3,713	12'2"
F	mm	ft in	700	2'4"
Operating weight without load	kg	lb	11,965	26,378

* Firm and level ground

**Calculated with additional protective guarding



Specifications

L60H*

					REHANDLING ⁽¹⁾		GENERAL PURPOSE						GRADING		LIGHT MATERIAL				LONG BOOM ⁽³⁾				
																							
Tires 20.5 R25 L3			WLA54427685	WLA54427682	WLA86398	WLA86402	WLA86411	WLA86405	WLA92476	WLA92564	WLA92565												
			2.3 m³ (3.0 yd³)	2.3 m³ (3.0 yd³)	1.8 m³ (2.4 yd³)	2.1 m³ (2.7 yd³)	2.3 m³ (3.0 yd³)	2.3 m³ (3.0 yd³)	1.7 m³ (2.2 yd³)	3.1 m³ (4.1 yd³)	5.0 m³ (6.5 yd³)												
			STE P BOE	STE H BOE	STE H T	STE H BOE	STE P BOE	STE H BOE	GRB H BOE	LM H BOE	LM H BOE												
Volume, heaped ISO/SAE	m³	yd³	2.3	3.3	2.3	3	1.8	2.4	2.1	2.7	2.3	3	2.3	3	1.7	2.2	3.1	4.1	5.0	6.5	-	-	
Volume at 110% fill factor	m³	yd³	2.5	3.3	2.5	3.3	2.0	2.6	2.3	3	2.5	3.3	2.5	3.3	1.9	2.4	3.4	4.5	5.5	7.2	-	-	
Static tipping load, straight	kg	lb	9,130	20,140	8,690	19,150	8,800	19,400	8,580	18,920	8,950	19,740	8,490	18,730	7,500	16,540	8,190	18,060	8,190	18,050	-1,790	-3,940	
at 35° turn	kg	lb	8,170	18,010	7,740	17,060	7,870	17,350	7,660	16,890	8,020	17,680	7,580	16,710	6,710	14,790	7,300	16,110	7,270	16,030	-1,650	-3,630	
at full turn	kg	lb	7,880	17,380	7,460	16,450	7,600	16,750	7,390	16,290	7,740	17,070	7,310	16,110	6,470	14,280	7,040	15,530	7,000	15,440	-1,600	-3,530	
Breakout force	kN	lbf	78.6	17,660	72.9	16,390	86.7	19,500	78.6	17,670	81	18,220	75.3	16,930	60.3	13,550	61.8	13,900	53.8	12,110	8.3	1,850	
A	Overall length	mm	ft in	7,380	24'3"	7,490	24'7"	7,440	24'5"	7,380	24'3"	7,340	24'1"	7,440	24'5"	7,660	25'2"	7,690	25'3"	7,910	26'0"	520	+1'8"
E	Digging depth, max dump (S)	mm	ft in	1,180	3'10"	1,280	4'2"	1,220	4'0"	1,180	3'10"	1,140	3'9"	1,230	4'1"	1,410	4'7"	1,490	4'11"	1,710	5'7"	40	+0'4"
H ⁽²⁾	Dump clearance	mm	ft in	2,770	9'1"	2,720	8'11"	2,750	9'0"	2,790	9'2"	2,800	9'2"	2,750	9'0"	2,510	8'3"	2,570	8'5"	2,430	8'0"	550	+1'10"
L	Overall operating height	mm	ft in	5,230	17'2"	5,340	17'6"	5,020	16'6"	5,100	16'9"	5,110	16'9"	5,170	16'11"	4,520	14'10"	5,280	17'4"	5,480	18'0"	520	+1'8"
M ⁽²⁾	Dump reach	mm	ft in	1,070	3'6"	1,170	3'10"	1,130	3'8"	1,100	3'7"	1,040	3'5"	1,140	3'9"	1,130	3'8"	1,320	4'4"	1,500	4'11"	20	+0'1"
N ⁽²⁾	Reach at 45° discharge, pos. G	mm	ft in	1,590	5'3"	1,620	5'4"	1,600	5'3"	1,590	5'3"	1,580	5'2"	1,610	5'3"	1,480	4'10"	1,620	5'4"	1,670	5'6"	450	+1'6"
V	Bucket width	mm	in	2,500	98"	2,500	98"	2,500	98"	2,500	98"	2,500	98"	2,500	98"	2,500	98"	2,550	100"	2,650	104"	0	+0'0"
a ₁	Outer clearance circle (diameter)	mm	ft in	11,800	38'9"	11,830	38'10"	11,800	38'9"	11,770	38'7"	11,780	38'8"	11,800	38'9"	12,140	39'10"	12,010	39'5"	12,240	40'2"	480	+1'7"
Operating weight without load		kg	lb	12,100	26,680	12,380	27,300	12,020	26,500	12,120	26,730	11,870	26,180	12,170	26,830	12,010	26,480	12,200	26,910	12,490	27,540	230	500

(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.

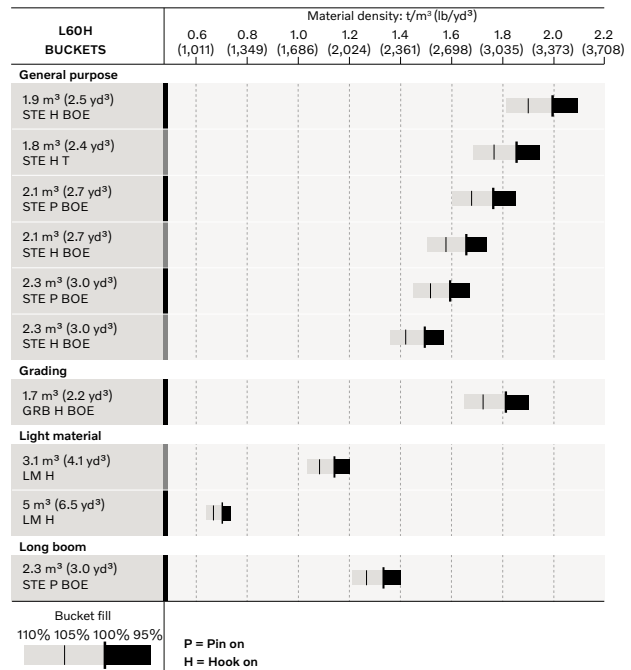
Note: This only applies to genuine Volvo attachments.

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 1.5 t/m³ (2,530 lb/yd³).
Result: The 2.1 m³ (2.8 yd³) bucket carries 2.2 m³ (2.9 yd³). For optimum stability always consult the bucket selection chart.

Material	Bucket fill, %	Material density		ISO/SAE bucket volume		Actual volume	
		t/m ³	lb/yd ³	m ³	yd ³	m ³	yd ³
Earth/ Clay	~ 110	~ 1.55	~ 2,610	1.9	2.5	2.1	2.8
		~ 1.40	~ 2,360	2.1	2.8	2.3	3.0
		~ 1.30	~ 2,190	2.3	3.0	2.5	3.3
Sand/ Gravel	~ 105	~ 1.65	~ 2,780	1.9	2.5	2.0	2.6
		~ 1.50	~ 2,530	2.1	2.8	2.2	2.9
		~ 1.35	~ 2,280	2.3	3.0	2.1	2.8
Aggregate	~ 100	~ 1.75	~ 2,950	1.9	2.5	1.9	2.5
		~ 1.55	~ 2,610	2.1	2.8	2.1	2.8
		~ 1.55	~ 2,610	2.3	3.0	2.3	3.0
Rock	≤100	~ 1.70	~ 2,870	1.7	2.2	1.7	2.2



How to read bucket fill factor

Supplemental Operating Data

			Standard boom				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	in	-130	-5.1	+10	+0.4	+100	+4	+100	+4.0
Ground clearance	mm	in	-60	-2.4	-10	-0.4	-30	-1.2	-20	-0.8
Tipping load, full turn	kg	lb	-270	-610	+50	+100	-60	-130	-30	-70
Operating weight	kg	lb	-480	-1,060	+90	+200	+10	+20	+10	+20

* Snow tires

Equipment

STANDARD EQUIPMENT

Engine

Exhaust after-treatment system
3-stage air cleaner, pre-cleaner, primary and secondary filter
Indicator glass for coolant level
Preheating of induction air
Fuel pre-filter with water trap
Fuel filter
Crank case breather oil trap
Exhaust heat ventilation

Wheels and tires

20.5R25

Drivetrain

Automatic Power Shift
Fully automatic gear shifting, 1-4
PWM-controlled gear shifting
Forward and reverse switch by hydraulic lever console
Rimpull control
Indicator glass for transmission oil level
Differentials: Front, 100% hydraulic diff lock. Rear, conventional

Electrical system

24 V, pre-wired for optional accessories
Alternator 80A/3135W
Battery disconnect switch
Maintenance-free batteries
Battery box, steel
Fuel gauge
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)
Co Pilot available
Rearview camera in Co pilot
Max Boom height

STANDARD EQUIPMENT

Contronic monitoring system

Contronic display
Fuel consumption
Diesel Exhaust Fluid/AdBlue consumption
Ambient temperature
Clock
Test function for warning and indicator lights
Brake test
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
Crank case pressure
Attachment lock open
Level warnings:
Fuel level
Diesel Exhaust Fluid/AdBlue 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 crank case pressure
High charge air temperature
Engine shutdown to idle in case of malfunction indication:
High transmission oil temperature
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

Cab

Volvo Copilot with Rearview camera standard
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 rearview mirrors
Dual exterior rearview mirrors
Sliding window, right side
Tinted safety glass
Operator's seat, Comfort ISRI, 2pt seat belt
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
Foot step, left side (toolbox lockable included)
ACC control panel, with Fahrenheit scale
Anchorage for Operator's manual

Service and Maintenance

Engine oil remote drain and fill
Transmission oil remote drain and fill
Sliding hydraulic oil cooler and AC-condenser
Lubrication manifolds, ground accessible
Pressure test ports: transmission and hydraulic, quick connects
Service platforms with anti-slip surfaces
Quick-fit hydraulic oil fill
CareTrack
Telematics, 6 -year subscription
Toolbox, lockable

External equipment

Basic fenders, front and rear
Viscous cab mounts
Rubber engine and transmission mounts
Engine hood, electronically openable
Frame, joint lock
Vandalism lock for engine compartment
Lifting eyes
Tie down eyes
Tow hitch
Counterweight, pre-drilled for optional guards

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

OPTIONAL EQUIPMENT

Drivetrain

Lock-up torque converter
Rear axle with limited slip
Speed limiter, 20 km/h (12.5 mph)
Speed limiter, 30 km/h (18.6 mph)
Speed limiter, 40 km/h (24.9 mph)

Hydraulic System

Arctic kit: Attachment locking, pilot hoses and hydraulic oil
Attachment bracket, cast, visibility-optimized
Attachment bracket, side-tilting
Separate attachment locking, long boom
Separate attachment locking, standard boom
Single acting lifting function
Boom suspension system
Hydraulic fluid, biodegradable, Volvo
Hydraulic fluid, fire resistant
Hydraulic fluid, for hot climate
Hydraulic, 2 functions Electro-servo, std/long boom
Hydraulic, 3 functions Electro-servo, std/long boom
Hydraulic, 4 functions Electro-servo, std/long boom
Single lever control, 2 funct Electro-servo, std/long boom
Single lever control, 3 funct Electro-servo, std/long boom
Single lever control, 4 funct Electro-servo, std/long boom

Brake system

Parking brake alarm, audible

Cab

Asbestos dust protection filter
Automatic Climate Control, ACC
Automatic Climate Control, ACC, corrosion protection condenser
Cab air pre-cleaner, cyclone type
Carbon filter - cab
Remote door opener
Lunch box holder
Operator's seat, Comfort ISRI, 3pt seat belt
Operator's seat, Premium Comfort ISRI
Operator's seat, Premium Comfort ISRI 3-point seat belt
Armrest, operator's seat, ISRI, left only
Safety belt, 3" (75mm) width
Safety belt warning
Radio installation kit including 12 volt outlet, left-side
Radio installation kit including 12 volt outlet, right-side
Radio with AUX, Bluetooth and USB connection
DAB Radio
Subwoofer
Forward view mirror
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
Sun blinds, rear windows
Sun blinds, side windows
Timer cab heating
Universal door/ignition key
Window, sliding, door
Cab, Hot applications. Roof, steel
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
Oil sampling valve
Refill pump for automatic lubrication system
Tool kit
Wheel nut wrench kit

OPTIONAL EQUIPMENT
Electrical
Battery disconnect switch, additional in cab
Anti-theft device
Emergency stop
License plate holder, lighting
Reduced function working lights when reverse gear activated
Side marker lamps
Forward camera, colour
Rear view mirrors, long arm, right side
Rearview mirrors, adjustable, el. heated
Reverse alarm
Reverse lights
Reversing warning light
Reverse warning light, strobe lightning
Warning beacon (flasher), LED automatic
Warning beacon (flasher), LED
Seatbelt indicator, external
Working lights, attachments, 1 LED
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
Can Bus Interface
Delayed Engine Shutdown
Protective equipment
Anti-theft device
Bellyguard front
Bellyguard rear
Boom cylinder hose and tube guards
Cab roof, heavy duty
Center hinge and rear frame guard
Corrosion protection, painting of machine
Cover plate front frame, heavy-duty
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
Windshield guard
External equipment
Deleted front mudguards
Fire extinguisher
Bracket for fire extinguisher
Fire suppression system
Mudguards, full cover, rear for 80-series tires
Mudflap kit for mudguards, full cover for 80-series tires
Mudguards, full cover, rear and front/rear for 65-series tires
Mudflap kit for mudguards, full cover for 65-series tires
Footsteps front frame
Footsteps, right-hand side
Flexible rear step
Cab ladder, rubber suspended

OPTIONAL EQUIPMENT
Other equipment
CareTrack, GSM/Satellite
CE-marking
Comfort Drive Control (CDC) Electro-servo
Secondary steering
Counterweight, logging
Counterweight, signal painted, chevrons
Option for machines without dinitrol
Noise reduction kit, EU excluding decal
Sign, 50 km/h (31mph)
Sign, slow moving vehicle
Tires and Rims
20.5R25
600/65R25
620/75R26 Agriculture application only
750/65R26 Agriculture application only
Attachments
Buckets:
Straight
Spade nose
High tipping
Light material
Grading
Wear parts:
Bolt-on edge
Bolt-on or weld-on bucket teeth
Segments
Log grapples
Fork equipment
Material handling arm
Snow blade
Broom
Sand spreading bucket

V O L V O