

V O L V O



Volvo Wheel Loaders 34-39 t / 74,960-85,980 lb 416 hp

L260H

Volvo Construction Equipment

L260H



Intelligently productive

Boost your productivity by up to 15%



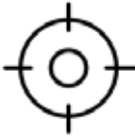
- 6% more power and 5% more torque than the L250H
- Increased wheel base, optimized weight distribution
- Next generation load sensing hydraulics
- New transmission – new converter and gear ratio
- Matched Volvo attachments

Increase your fuel savings by 10%



- Rimpull control
- New generation OptiShift
- Dry P-brake
- Saved hydraulic pump power
- Eco pedal
- Load Assist, powered by Volvo Co-Pilot

Fully loaded



- Redesigned Rock bucket – holds 11.5% more material
- New Rehandling bucket – up to 5% greater productivity
- Custom built attachments
- Z-bar lifting arm with double sealing on each pin

Built for the job



- Bucket leveling function
- Three hydraulic modes
- Choice of a single or multi levers
- Comfort Drive Control
- Collision Mitigation System (option)

Maximize your uptime



- 1000hr engine oil change interval
- Quicker hydraulic oil fill thanks to new mounted nipple
- Delayed engine shutdown
- Easy access to the P-brake and BSS accumulators
- Tilting cab – 30° or 70°
- Electronically-operated engine hood

Volvo Services



- Genuine Volvo Parts
- Operator training
- ActiveCare Direct
- Volvo Site Simulation

Volvo L260H in detail

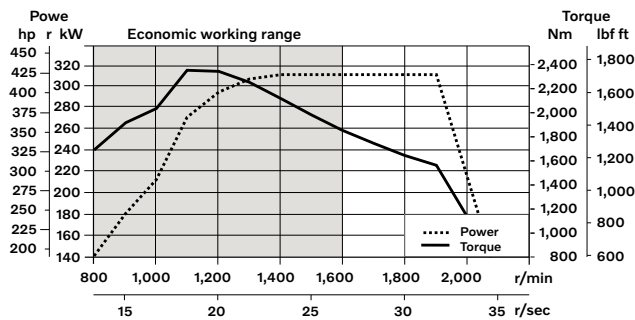
Engine

V-ACT Stage V/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: 2 stages.

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

Engine	Volvo	D13J
Max. power at	r/min (r/s)	1,400-1,900 (25)
ECE R120 net	kW (hp)	310 (416)
ISO 9249, SAE J1349 net	kW (hp)	309 (414)
Max. torque at	r/min (r/s)	1,100 (183)
ECE R120 net	Nm (ft lbf)	2,343 (1,728)
ISO 9249, SAE J1349 net	Nm (ft lbf)	2,328 (1,717)
Economic working range	r/min (r/s)	800 - 1,600 (13.3 - 26.7)
Displacement	l (in ³)	128 (782)



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 and optimize bucket filling.

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	HTL310
Torque multiplication, stall ratio		2.02:1

Maximum speed, forward/reverse

1st gear	km/h (mi/h)	6.7/6.6 (4.2 / 4.1)
2nd gear	km/h (mi/h)	11.6/11.4 (7.2 / 7.1)
3rd gear	km/h (mi/h)	21.7/21.4 (13.5 / 13.3)
4th gear	km/h (mi/h)	36.5/36.1 (22.7 / 22.4)

Measured with tires		29.5R25 L4
Front axle/rear axle		AWB 50B / 41
Rear axle oscillation	± °	15
Ground clearance	mm (in)	600 (236)
at oscillation	°	15

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)	90 (35)
Rod diameter	mm (in)	60 (24)
Stroke	mm (in)	525 (207)
Working pressure	MPa (bar)	26 (260)
Maximum flow	l/min (gal/min)	202 (534)
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)	226 (597)
Transmission oil	l (gal)	48 (127)
Engine oil	l (gal)	50 (132)
Axle oil front	l (gal)	78 (206)
Axle oil rear	l (gal)	80 (211)

Hydraulic system

System supply: Two load-sensing axial piston pumps with variable displacement. The steering system always has priority.
Valves: Double-acting 2-spool valve. The main valve is controlled by a 2-spool pilot valve.
Lift function: The valve has three positions; raise, hold and lower position. Inductive/magnetic automatic boom kickout can be switched on and off and is adjustable to any position between maximum reach and full lifting height.
Tilt function: The valve has three functions including rollback, hold and dump. Inductive/magnetic automatic tilt 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 1 for working hydraulic system	MPa (bar)	29.0 ± 0.5 (290 ± 5)
Flow	l/min (gal/min)	252 (666)
at	MPa (bar)	10 (100)
engine speed	r/min (r/s)	1,900 (317)
Working pressure maximum, pump 2 for steering-, brake-, pilot- and working hydraulic system	MPa (bar)	31.0 ± 0.5 (310 ± 5)
Flow	l/min (gal/min)	202 (534)
at	MPa (bar)	10 (100)
engine speed	r/min (r/s)	1,900 (316)
Working pressure maximum, pump 3 for brake- and cooling fan system	MPa (bar)	25.0 ± 0.5 (250 ± 5)
Flow	l/min (gal/min)	83 (219)
at	MPa (bar)	10 (100)
engine speed	r/min (r/s)	1,900 (316)
Pilot system, working pressure	MPa (bar)	3.2 - 4.0 (32 - 40)
Cycle times		
Lift	s	71
Tilt	s	19
Lower, empty	s	41
Total cycle time	s	131

Lift Arm System

Z-bar		
Lift cylinders		2
Cylinder bore	mm (in)	190 (7.5)
Piston rod diameter	mm (in)	110 (4.3)
Stroke	mm (in)	873 (34.4)
Tilt cylinder		1
Cylinder bore	mm (in)	220 (8.7)
Piston rod diameter	mm (in)	120 (4.7)
Stroke	mm (in)	570 (22.4)

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 declutch of the transmission when braking by a switch on the instrument panel.
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 front/rear		2 - 1
Number of brake discs per wheel front		2
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)
Accumulators for parking brake	l (gal)	1 x 0.5 (1 x 0.13)

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 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 and floor. 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").
 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 (yd ³ /min)	9 (118)
Heating capacity	kW	16
Air conditioning (optional)	kW	75

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	109

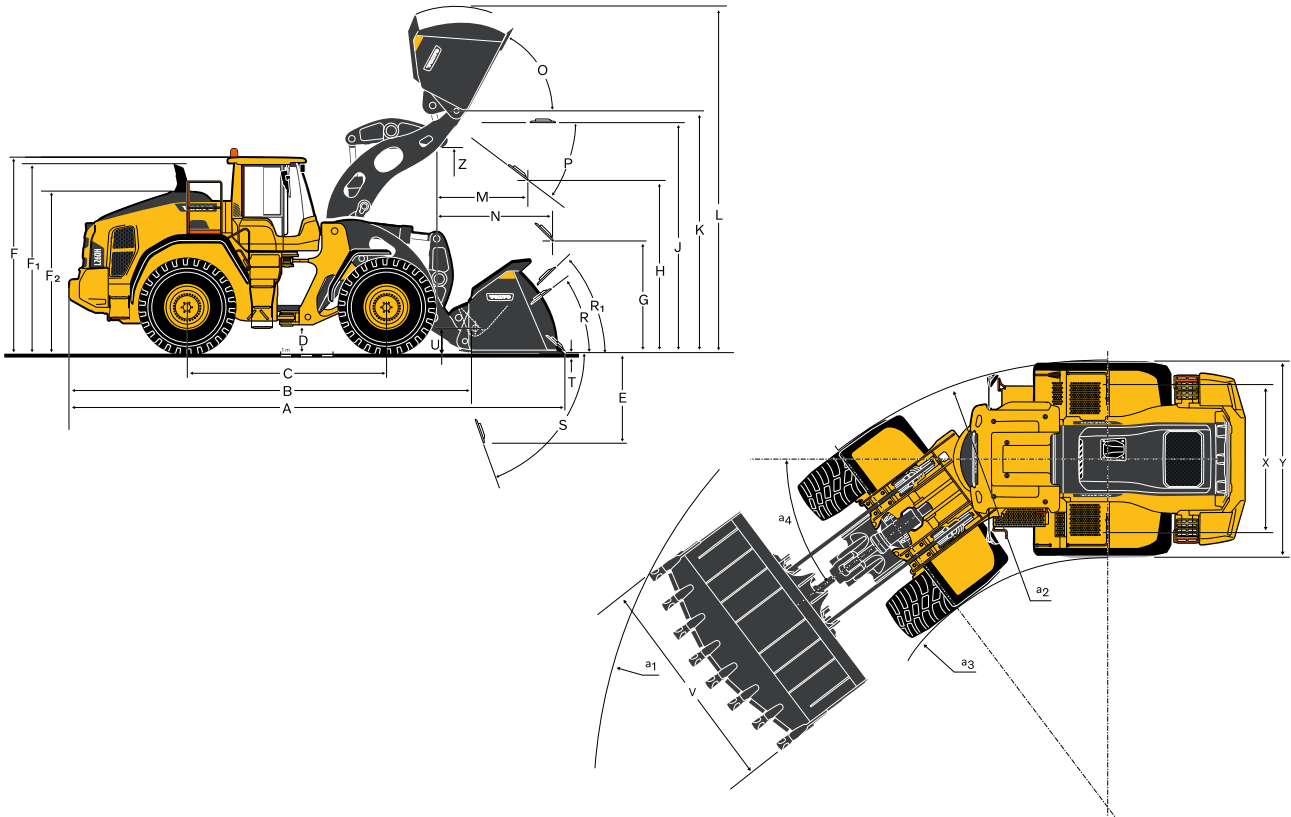
Specifications

Tires L260H: 875/65R29 L4

			Standard boom		Long boom	
A	mm	ft in	9,470	31' 1"	9,780	32' 1"
B	mm	ft in	7,590	24' 11"	7,860	25' 9"
C	mm	ft in	3,800	12' 6"	3,800	12' 6"
D	mm	ft in	530	1' 9"	530	1' 9"
E	mm	ft in	1,730	5' 8"	1,820	6' 0"
F	mm	ft in	3,720	12' 3"	3,730	12' 3"
F ₁	mm	ft in	3,620	11' 10"	3,630	11' 11"
F ₂	mm	ft in	2,880	9' 5"	2,890	9' 6"
G	mm	ft in	2,132	7' 0"	2,133	7' 0"
H	mm	ft in	3,220	10' 7"	3,550	11' 8"
J	mm	ft in	4,360	14' 4"	4,720	15' 6"
K	mm	ft in	4,630	15' 2"	4,990	16' 5"
L	mm	ft in	6,640	21' 9"	7,000	23' 0"
M	mm	ft in	1,690	5' 7"	1,620	5' 4"
N	mm	ft in	2,350	7' 8"	2,620	8' 7"
O	°	°	62	62	57	57
Forward dump at K and M	°	°	43	43	45	45
P	°	°	43	43	47	47
R	°	°	41	41	43	43
R ₁	°	°	48	48	51	51
S	°	°	75	75	81	81
Grading angle	°	°	42	42	47	47
T	mm	ft in	115	0' 4.5"	174	0' 6.8"
U*	mm	ft in	540	1' 9"	620	2' 0"
V	mm	in	3,650	143"	3,650	143"
X	mm	ft in	2,400	7' 10"	2,400	7' 10"
Y	mm	ft in	3,270	10' 9"	3,270	10' 9"
Z	mm	ft in	3,840	12' 7"	4,250	13' 11"
a ₁	mm	ft in	16,320	53' 7"	16,540	54' 3"
a ₂	mm	ft in	7,310	24' 0"	7,310	24' 0"
a ₃	mm	ft in	4,050	13' 3"	4,050	13' 3"
a ₄	°	°	37	37	37	37

* Carry position SAE

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



L260H

	REHANDLING ⁽⁷⁾						GENERAL PURPOSE ⁽⁵⁾				ROCK ⁽⁶⁾				SAND ⁽⁴⁾		LONG BOOM ⁽²⁾					
	6.9 m ³ (9 yd ³) STE P BOE		7.3 m ³ (9.5 yd ³) STE P BOE FF (1)		7.3 m ³ (9.5 yd ³) STE P BOE		6.4 m ³ (8.4 yd ³) STE P T SEG		6.8 m ³ (8.9 yd ³) STE P T SEG		5.5 m ³ (7.2 yd ³) STE RO P T SEG		5.9 m ³ (7.7 yd ³) STE RO P T SEG		6.5 m ³ (8.5 yd ³) SPN P T SEG		6.8 m ³ (8.9 yd ³) STE P BOE FF (1)		5.5 m ³ (7.2 yd ³) STE RO P T SEG			
Volume, heaped ISO/SAE	m ³	yd ³	6.9	9	7.3	9.5	7.3	9.5	6.4	8.4	6.8	8.9	5.5	7.2	5.9	7.7	6.5	8.5	6.8	8.9	5.5	7.2
Volume at 110% fill factor	m ³	yd ³	7.6	9.9	8	10.5	8	10.5	7	9.2	7.5	9.8	6.1	7.9	6.5	8.5	7.2	9.4	7.5	9.8	6.1	7.9
Static tipping load, straight at 35° turn	kg	lb	27,820	61,350	27,880	61,480	27,600	60,850	25,970	57,260	25,910	57,140	26,220	57,820	26,290	57,980	25,320	55,830	25,600	56,440	-3,220	-7,110
at full turn	kg	lb	24,680	54,430	24,730	54,530	24,450	53,920	23,000	50,720	22,950	50,610	23,280	51,340	23,350	51,490	22,390	49,370	22,700	50,060	-2,930	-6,470
Breakout force	kN	lbf	290.1	65,230	284.0	63,860	283.1	63,660	302.3	67,970	299.7	67,390	335.3	75,400	324.7	73,010	255.7	57,500	272.3	61,240	-29.1	-6,550
A	mm	ft in	9,430	30' 11"	9,440	31' 0"	9,470	31' 1"	9,680	31' 9"	9,690	31' 9"	9,490	31' 2"	9,540	31' 4"	9,980	32' 9"	9,500	31' 2"	+310	+1' 0"
E	mm	ft in	1,690	5' 6"	1,720	5' 8"	1,730	5' 8"	1,920	6' 3"	1,920	6' 3"	1,730	5' 8"	1,780	5' 10"	2,180	7' 2"	1,770	5' 10"	+100	+0' 4"
H ⁽³⁾	mm	ft in	3,250	10' 8"	3,250	10' 8"	3,220	10' 7"	3,070	10' 1"	3,080	10' 1"	3,230	10' 7"	3,180	10' 5"	2,900	9' 6"	3,230	10' 7"	+300	+1' 0"
L	mm	ft in	6,600	21' 8"	6,620	21' 9"	6,640	21' 9"	6,440	21' 1"	6,480	21' 3"	6,660	21' 10"	6,740	22' 1"	6,820	22' 4"	6,540	21' 6"	+350	+1' 2"
M ⁽³⁾	mm	ft in	1,660	5' 5"	1,720	5' 8"	1,690	5' 7"	1,800	5' 11"	1,820	5' 11"	1,700	5' 7"	1,720	5' 8"	2,040	6' 8"	1,770	5' 10"	-90	-0' 3"
N ⁽³⁾	mm	ft in	2,330	7' 8"	2,230	7' 4"	2,350	7' 8"	2,380	7' 10"	2,400	7' 10"	2,330	7' 8"	2,350	7' 9"	2,530	8' 3"	2,260	7' 5"	+270	+0' 10"
V	mm	in	3,580	140"	3,650	143"	3,650	143"	3,580	140"	3,650	143"	3,580	140"	3,580	140"	3,580	140"	3,650	143"	0	0
a ₁ clearance circle	mm	ft in	16,240	53' 3"	16,300	53' 6"	16,320	53' 7"	16,370	53' 9"	16,440	53' 11"	16,270	53' 4"	16,310	53' 6"	16,550	54' 3"	16,340	53' 7"	+220	+0' 9"
Operating weight	kg	lb	34,360	75,770	34,320	75,680	34,510	76,090	33,580	74,040	33,690	74,300	33,680	74,270	33,620	74,130	34,220	75,460	33,570	74,030	+480	+1,060

¹ Flat floor bucket

² Measured with 7.2 yd³ (5.5 m³) STE RO P T SEG bucket.

³ Measured to the tip of the bucket teeth or bolt-on edge. Dump height to bucket edge measured at 45° dump angle. (Spade nose buckets at 42°.)

⁴ Measured with 875/65R29 L3 tire

⁵ Measured with 875/65R29 L4 tire

⁶ Measured with 875/65R29 L4 tire

⁷ Measured with 875/65R29 L4 tire and additional counterweight

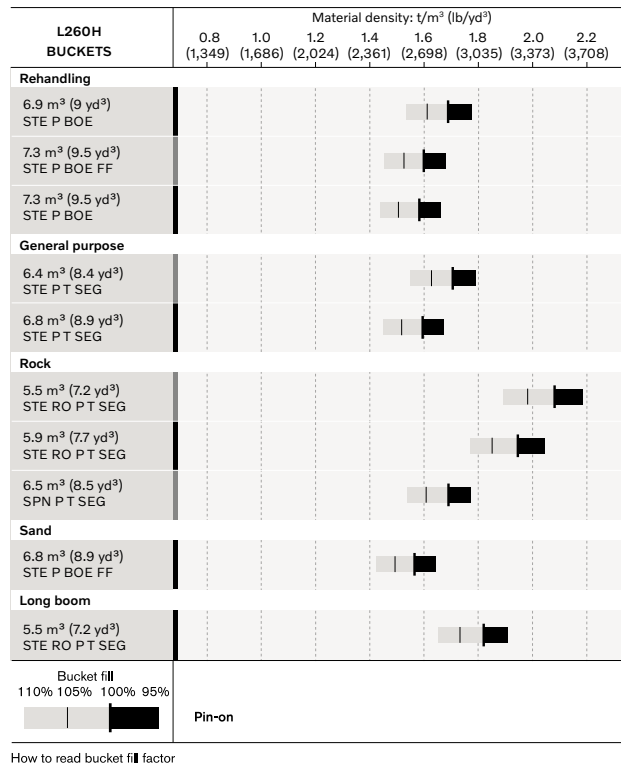
Note: This only applies to genuine Volvo attachments.

Bucket Selection Chart

The volume handled varies with the bucket fill and is often greater than indicated by the bucket's ISO/SAE volume. The table shows optimum bucket choice with regard to the material density.

Material	Bucket fill, %	Material density, t/m ³	Material density, lb/yd ³
Earth	110 - 115	1.4 - 1.6	2,360 - 2,697
Clay	110 - 120	1.4 - 1.6	2,360 - 2,697
Sand	100 - 110	1.6 - 1.9	2,697 - 3,203
Gravel	100 - 110	1.7 - 1.9	2,865 - 3,203
Rock	75 - 100	1.5 - 1.9	2,528 - 3,203

The size of rock buckets is optimized for optimal penetration and filling capability rather than the density of the material.



Supplemental Operating Data

	Standard boom						Long boom			
	Tires 29.5 R25 L4		29.5 R25 L5		875/65R29 L3		29.5 R25 L5		875/65R29 L3	
Width over tires	mm	ft in	+50	+0' 2"	+100	+0' 4"	+50	+0' 2"	+100	+0' 4"
Ground clearance	mm	ft in	+30	+0' 1"	+10	0' 0"	+20	+0' 1"	0	0' 0"
Tipping load, full turn	kg	lb	+950	+2,100	+240	+520	-2 120	-4,690	-2 770	-6,130
Operating weight	kg	lb	+1 280	+2,830	+440	+980	+1 760	+3,880	+920	+2,030

Equipment

STANDARD EQUIPMENT

Engine

- Exhaust after-treatment system
- Three-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
- 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 transmission with Lock-up RBB
- 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

Brake system

Dual brake circuits

Dual brake pedals

Secondary brake system

Parking brake, electro-hydraulic

Brake wear indicators

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

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

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 230V/110V
 Fuel fill strainer
 Fuel heater
 Fuel filter, extra
 Hand throttle control
 Max. fan speed, hot climate
 Radiator, corrosion-protected
 Reversible cooling fan
 Reversible cooling fan and axle oil cooler

Wheels and tires

29.5 R25
 875/65 R29

Drivetrain

Diff lock front 100%, Limited Slip rear
 Speed limiter
 Wheel/axle seal guards

Electrical System

Anti-theft device
 Alarm kit, anti-theft function in WECU
 Battery disconnect switch, additional in cab
 Emergency stop
 Locking device, Tag out Lock out
 Headlights, assym. left
 License plate holder, lighting
 Rear view camera, monitor
 Rear view mirrors, el.adjusted and heated
 Reduced function working lights, reverse gear activated
 Reverse alarm, audible
 Reverse alarm, white noise
 Reverse warning light, strobe lighting
 Seatbelt indicator, external
 Shortened headlight support brackets
 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 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
 Alternator 120 amp, heavy-duty
 Radar detect system
 Forward camera, colour
 Parking brake alarm, audible for air susp seats
 Jump start connector, NATO-Type
 Seatbelt indicator, external
 Max Boom height
 Can Bus Interface
 Delayed Engine Shutdown
 Co Pilot available
 Rearview camera in Co pilot
 OnBoard Weighing
 Tire pressure monitoring
 MAP

OPTIONAL EQUIPMENT

Hydraulic system

Boom suspension system
 Boom cylinder hose and tube guards
 Hydraulic fluid, biodegradable, Volvo
 Hydraulic fluid, fire-resistant
 Hydraulic fluid, for hot climate
 Mineral oil for cold climate
 Hydraulic 3rd function
 Single lever control, hydraulics 2 functions
 Single lever control, hydraulics 3 functions

Brake system

Oil cooler and filter front & rear axle

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
 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
 Cleaner kit, with air blow gun
 ROX, rapid oil exchange pump
 Oil sampling valve
 Quick engine oil change
 Refill pump for grease to lube system
 Tool kit
 Wheel nut wrench kit
 CareTrack, GSM, GSM/Satellite
 Telematics, Subscription

OPTIONAL EQUIPMENT

Protective equipment

Belly guard front
Belly guard rear
Belly guard rear, oil pan
Center hinge and rear frame guard
Cover plate, heavy-duty, front frame
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
Windshield guard
Corrosion protection, painting of machine
Option for machines without dinitrol

External equipment

Cab ladder, rubber-suspended
Handles on counterweight
Deleted front mudguards
Fire suppression system
Fire extinguisher
Fire extinguisher , two pieces
Mudguards, full cover, front and rear
Mudguards, full cover wideners and prot. Included
Long boom
Tow hitch

Other equipment

CE-marking
Comfort Drive Control (CDC)
Counterweight, re-handling
Counterweight, signal painted, chevrons
Secondary steering with automatic test function
Sound decal, EU
Sound decal, USA
Reflecting stickers (decals), machine contour
Reflecting stickers (stripes), machine contour Cab
Noise reduction kit, exterior

Attachments

Buckets:
Rock straight or spade nose
General purpose
Re-handling
Side-dump
Light material
Wear parts:
Bolt-on and weld-on bucket teeth
Segments
Cutting edge in three sections, bolt-on
Material handling arm

V O L V O