



Volvo Construction Equipment

BL61B, BL71B

VOLVO BACKHOE LOADERS 7,7 - 9,93t 94 - 105hp



Fuel efficiency and prime performance.

When you buy a Volvo BL61B or BL71B backhoe loader, you get a machine with nearly six decades of Volvo heritage and expertise built in. You also get an ideal partner that's able to take on a range of applications, and a powerful performer whose efficient new engine - built with proven Volvo technology can reduce fuel consumption by up to 25% without compromising machine performance.

Regeneration system

Standard regeneration process is fully automatic and does not require any operator's intervention. It does not influence machine's performance or productivity. For increased safety, the regeneration can be aborted or performed at parked conditions when needed.

Auto-idle

With the new auto-idle feature, engine speed reduces to idle when controls are inactive for a specified time, reducing fuel consumption and noise level on site.



DPF exchange program

Our backhoe loaders are offered with Volvo's long-life diesel particulate filters (DPF). When your DPF needs external cleaning, Volvo's DPF exchange program keeps downtime - and cost - to a minimum. Part of Volvo's Reman Exchange Service, the DPF exchange program provides rigorously tested, high-performing filters that offers 95% or above of the capacity of brand new filters - but at a fraction of the price.

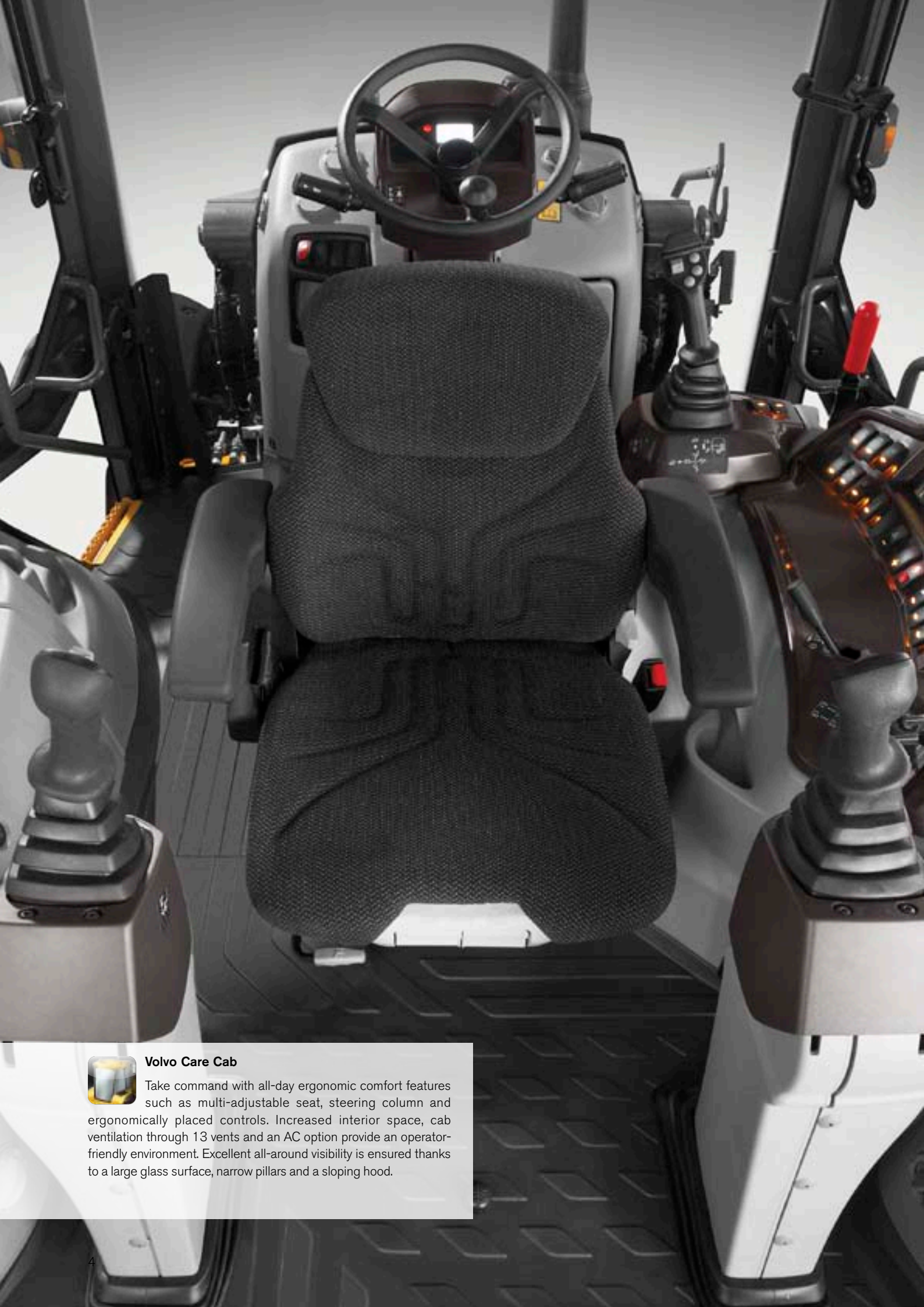
Built for extreme conditions

We have enhanced the cooling capacity of our engines to allow the BL61B and BL71B to work in higher ambient temperatures. Built-in barometric detection automatically adjusts machine behavior depending on altitude. A cold climate preparation kit assures machine availability, even in subzero conditions.



Volvo Stage IIIB engine

For ultimate efficiency and performance, the BL61B and BL71B come equipped with Volvo's new range of Stage IIIB 3.8l diesel engines, which feature common rail direct injection system, fixed turbo and intercooler, for even greater power, better torque response and significantly higher fuel efficiency than previous engine generation.



Volvo Care Cab

Take command with all-day ergonomic comfort features such as multi-adjustable seat, steering column and ergonomically placed controls. Increased interior space, cab ventilation through 13 vents and an AC option provide an operator-friendly environment. Excellent all-around visibility is ensured thanks to a large glass surface, narrow pillars and a sloping hood.

Command centre.

Step into the roomy cab and raise your productivity with durable, high-performance equipment. Volvo is known as the market leader in comfort and the cab is now better than ever with ample amounts of personal storage space. The ergonomic layout, controls and instruments put you in command. With large glass areas, all-around visibility has been enhanced, improves safety and productivity.

Best personal cab storage

The Volvo cab can feature up to 2 lockable compartments, 5 storage trays, 2 roof shelves, 2 cup holders, a net pocket and a phone holder next to a 12V socket.



Adjustable steering column

The optional Deluxe Cab features a steering wheel with both tilt and telescopic adjustments, permitting changes to fit any operator's preferences.



Cooled compartment

When equipped with air conditioning, a large compartment below the steering column is cooled, providing convenient storage for beverages and food.



Spacious seat legroom

The cab features more room around the seat, making turning and position change from loader to excavator quicker and easier. More room between the seat and cab side. More legroom around the excavator controls.



Work lights

Work lights mounted on the roof of the cab are highly adjustable, enabling the complete illumination of the worksite.

Genuine Volvo loader.

Go to work with the front loader. Pilot joysticks and front mechanical controls enable easy control and manipulation of the bucket and other front attachments. Smooth steering with a small turning radius provides excellent maneuverability on the jobsite. Perfect match between break out force and tractive effort make Volvo backhoe loader the best choice for loading applications.

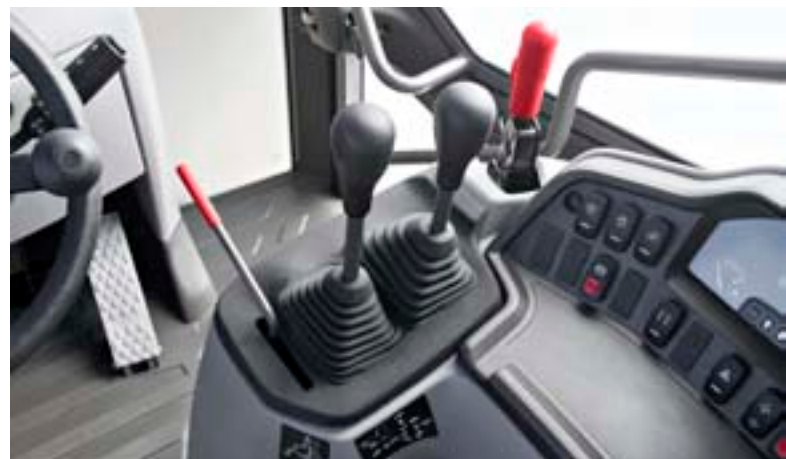
Volvo-exclusive loader pilot controls

The BL71B includes a Volvo-patented multifunctional, pilot-controlled loader joystick which features forward, neutral, reverse and transmission de-clutch button. Auto kick down comes along with optional powershift transmission. The joystick includes as well fingertip electro-proportional multipurpose bucket control. Volvo offers a unique solution that combines all loader controls with machine direction change for better ergonomics and greater efficiency in loading operations.



Mechanical loader controls

The BL61B features mechanically-controlled ergonomic loader levers. A second, separate lever is used to control a multi-purpose bucket (if installed).



Differential lock / rear fender design

The differential lock, engaged via foot switch, operates on the rear axle, providing maximum rear wheel grip on slippery ground. Extended rear fenders limit mud/debris projections on the cab windows. Rear fenders house a lockable storage for the washer bottle and the cab ventilation filter box.

Best in class turning angle

With a 55° steering angle with either 18" or 20" tyres, your Volvo backhoe loader boasts excellent maneuverability and positioning in confined areas.



Sweeper / snow blower ready

Multipurpose hydraulics makes it easy to fit attachments such as sweepers or snow blowers without the need for additional hydraulic lines. On The BL71B, flow can be adjusted using a roller on the loader pilot control lever, in addition, continuous flow to the attachment may be activated by pressing a detent function button on the right-hand side panel.



Loader performance

Loader performance, with high breakout force and fast dumping, is delivered through a very durable loader linkage and powerful hydraulics. Precisely tuned controls enable efficient and productive loading.



Flow sharing and load sensing hydraulics

Fitted as standard, flow-sharing hydraulics maintain pressure and flow for multi-functional control and maximum efficiency. On BL61B, one fixed-displacement hydraulic gear pump is combined with the flow sharing valve to provide a simple and robust system. On BL71B, an additional load sensing, variable flow hydraulics enable power on demand and productivity even at low engine speeds for economical operation.

Intelligent, intuitive hydraulics.

When the job demands a machine that offers class-leading productivity and performance, there's the BL71B. Versatile, powerful and robust, the BL71B is equipped with intelligent hydraulics that automatically adjusts hydraulic power to the task at hand and ergonomic controls that make operation easier and more intuitive. Hydraulic flow can be adjusted from the cab, and Eco modes make operation even more fuel efficient without loss in power.

Excavator work modes

The BL71B features three excavator work modes. Standard mode keeps the machine operating at full power. Eco mode reduces fuel consumption by up to 10%, while maintaining machine efficiency. Fine mode provides increased precision in demanding applications, like craning.



Hydraulic flow adjustment

With pilot controls, auxiliary hydraulic flow can be set from the electronic side panel inside the cab. This allows the flow to attachments, such as multi-purpose buckets or hydraulic thumbs, to be controlled with greater precision and accuracy.



Mechanical excavator controls

Mechanical controls offer angled levers for more knee clearance when operating or rotating the seat. They offer high precision and excellent comfort during machine operation.



Pilot controls

Pilot controls with proportional roller switch for extendible arm and auxiliary hydraulics offer the highest precision for excavator works. They can be simultaneously adjusted in any position to provide the most comfortable working position for every operator.

Loaded at both ends.



Volvo Care Cab

Volvo offers legendary comfort and combines it with more space, personal storage and a multiple of cab options.

Single tilt loader design

This loader design brings it all together: higher breakout force and fast cycle times, with the added benefit of its self-leveling system.



Volvo Stage IIIB engine

Premium Volvo Stage IIIB engine delivers superior performance with low fuel consumption.



Loader performance

Perfect match of high tractive effort and high breakout forces delivered through a very durable loader linkage and powerful hydraulics.



Differential lock

Engaged by foot switch, locking the rear differential to provide maximum grip in wet and slippery conditions.

55° Turning angle

Best in class 55° turning angle for excellent maneuverability and positioning in confined areas.

Large tool box

Integrated in the cab steps to provide plenty of easily accessible storage for tools and batteries.

Casted boom and arm ends

Boom and arm ends are casted, ensuring a lightweight design and maximum strength and durability.

50 hours greasing intervals

The greasing interval is 50 hours - therefore there is no need for daily greasing.



Complete customer solutions

Volvo provides the right solutions throughout the entire life cycle of your machine to lower total cost of ownership.

Slew cylinder position

The slew cylinder is positioned high above the ground to protect it better from dirt and debris.



Maintenance access

Easy ground level servicing with fewer greasing points enables fast daily maintenance.



Flow sharing hydraulics

Finely-tuned hydraulics with flow sharing valves for optimal power and efficiency. Hydraulic flow adjustment on auxiliary lines from machine's electronic side panel available for BL71B.



Maintenance Access

Save time with a one-piece tilting hood and grouped service and check points that are easily visible and accessible from ground level. 50 hour greasing intervals help to achieve more uptime and lower operating costs.

Maintain your uptime.

Do your maintenance quickly with filters and grouped service points that are easy to see and reach from ground level. A large tool box also features an innovative design for even more storage, access and security.

Tool box

The robust tool / battery box is integrated in to the left hand side cab steps. The wide storage space and easy access with a gas strut retained opening, allows for large objects to be stored safely outside of the cab. Can be locked with the machine key or own padlock.



Fuse box access

The fuse box is located within the cab, for protection from dirt and moisture. Fuses can be easily and quickly accessed from behind a detachable access panel. They can be checked right away using built in fuse test port.



CareTrack*

CareTrack, Volvo's state-of-the-art telematics system, can give you the machine information needed for better planning and smarter working; such as daily usage reports, location reports and service maintenance reminders

* In markets where CareTrack is available.



Tilting oil cooler

The hydraulic oil cooler, positioned in front of the radiator, can tilt forward for full, easy access. Tool free cleaning of the hydraulic oil cooler and radiator saves time.



VCADS and Matris analysis softwares

Monitor machine uptime with Volvo's diagnostic analysis software. MATRIS analyzes operational data from the machine's electronic control unit, while VCADS Pro can adjust machine function according to the results.



50 hours greasing intervals

With grease points easily accessible from ground level and a greasing interval of 50 hours, there is no need to re-grease during the week. Longer greasing intervals increase uptime, lower operating costs and provide longevity for all pivot points.

Adding value to your business.

Being a Volvo customer means having a complete set of services at your fingertips. Volvo can offer you a long-term partnership, protect your revenue and provide a full range of customer solutions using high quality parts, delivered by passionate people. Volvo is committed to the positive return of your investment.



Complete Solutions

Volvo has the right solution for you. So why not let us provide all your needs throughout the whole life cycle of

your machine? By listening to your requirements, we can reduce your total cost of ownership and increase your revenue.



Genuine Volvo Parts

Our attention to detail is what makes us stand out. This proven concept acts as a solid investment in your machine's future. Parts are extensively tested and approved because every part is vital for uptime and performance. Only by using Genuine Volvo Parts, can you be sure that your machine retains the renowned Volvo quality.



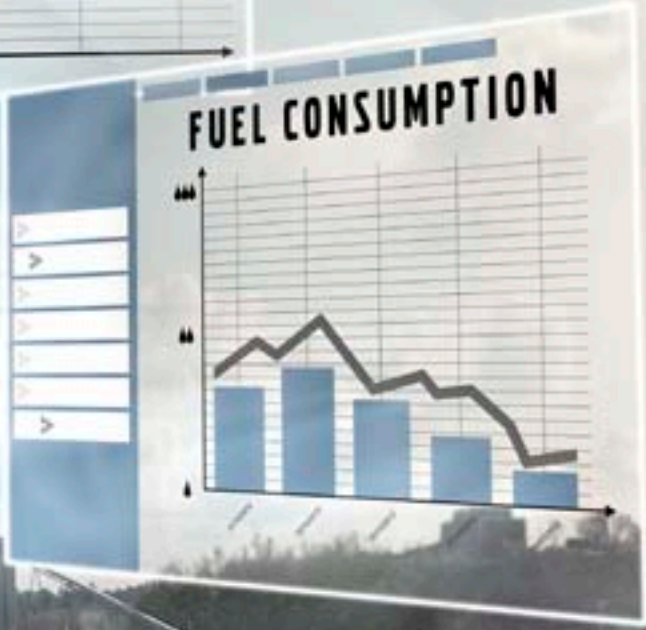
Service Network

In order to respond to your needs faster, a Volvo expert is on their way to your job site from one of our Volvo facilities. With our extensive infrastructure of technicians, workshops and dealers, Volvo has a comprehensive network to fully support you using local knowledge and global experience.



SERVICE PLAN

DAY01	DAY02	DAY03	DAY04	DAY05	DAY06	DAY07
						✓
			✓	✓		
	✓				✓	✓
		✓				
✓						
		✓				



Customer Support Agreements

The range of Customer Support Agreements offer preventive maintenance, total repairs and a number of uptime services. Volvo uses the latest technology to monitor machine operation and status, giving you advice to increase your profitability. By having a Customer Support Agreement you are in control of your service costs.

Versatile performer.

You have a wide range of jobs to do and the Volvo backhoe loader is the versatile performer that gives you the capability to handle a job from start to finish. Use a set of pallet forks for material handling. Break up pavement with a hydraulic breaker and remove the debris with a heavy-duty bucket. All this and more. One machine. One solution: your Volvo backhoe loader.

Hydraulic Quick Coupler and Loader Attachment Bracket

Volvo hydraulic Quick Coupler allows pin on interface attachments to be engaged and disengaged in standard or face mode position. A mechanical Quick Coupler is also available. Volvo TPV hydraulic attachment bracket allows easy and fast attachments interchangeability. The attachment bracket with hydraulic locking pins is rugged and easy to operate.



Tilttable ditch cleaning bucket

This Volvo pin on bucket is designed to tilt +/- 45° laterally in both directions for easy cleaning or leveling work along ditches and banks, or for working parallel to ditches. Equipped with well-protected hydraulic hoses, this bucket will boost your productivity.



Hydraulic thumb

A Volvo hydraulic thumb will help you get the most out of your backhoe loader. Grab a hold of enhanced versatility and greater performance. Each Volvo thumb has been designed to precisely fit Volvo buckets. Get ready to grab more profits – by the bucketful.



Hydraulic breaker

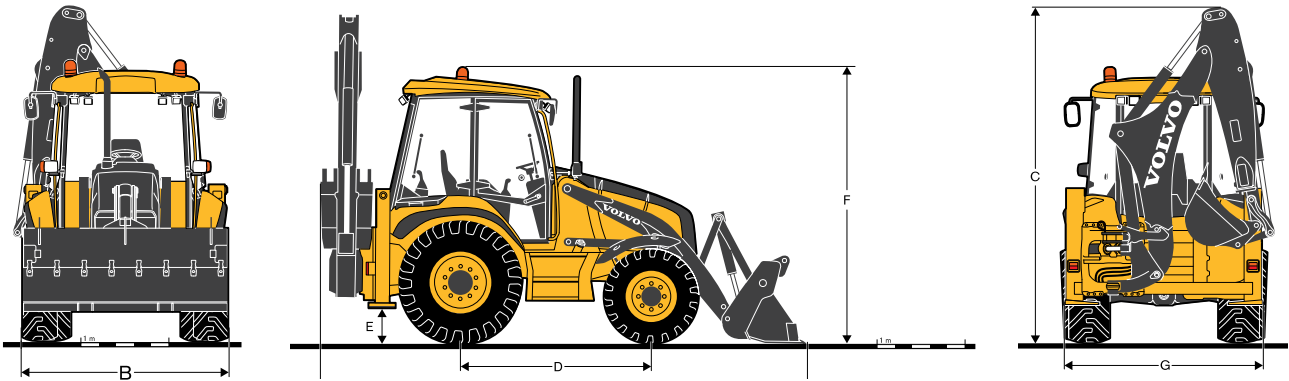
To penetrate a number of demanding materials your Volvo hydraulic breaker provides consistent power, durability and breaking force. For machines weighing ten tons and under, our Volvo breakers are perfectly compatible to your Volvo backhoe loader.

In details.

Engine	BL61B	BL71B
Low-emission, 4 cylinders, 3.8l Volvo diesel engine conforming to EPA Tier 4i and Stage IIIB regulations, thanks to common rail, Turbocharger, charge air cooler, cooled exhaust gas recirculation, diesel oxidation catalyst and cleanable diesel particulate filter.		
Model	Volvo D3.8H	
Compression ratio	17.5:1	
Net power (ISO 9249 / DIN 6271) at rated engine speed	kW (hp) 68 (91)	68 (91) 76 (101)
Gross power (ISO 14396) at rated engine speed	kW (hp) 70.2 (94)	70.2 (94) 78.6 (105)
Rated speed	rpm	2 200
Maximum torque net at 1500 rpm (ISO 9249/DIN 6271)	Nm 375	375
Weight		
Operating weight min / max kg	kg 7 700 / 9 890	7 740 / 9 930
Electrical system		
Voltage	V	12
Battery capacity	Ah	110
Alternator current rating	A	115
Hydraulic system		
Flow sharing system		•
Fix flow, gear pump		•
Variable flow, closed centre, load sensing, piston pump		–
Max. flow	l/min	112 163
Working pressure excavator	bar	250
Working pressure loader	bar	220 250
Total system capacity	l	140
Drivetrain		
Front axle		
Load rating - dynamic (*Heavy Duty axle)	kg	7 138 / 9 687* 9 687
Load rating - static (*Heavy Duty axle)	kg	17 845 / 24 218* 24 218
Max oscillation at wheel	°	16
Rear axle		
Load rating - dynamic	kg	7 648
Load rating - static	kg	19 120
Differential locking (electro hydraulic control)	%	100
Steering		
Steering angle	°	55
Turns to lock		4.75
Turning radius between curbs with brakes / without brakes	m	3.46 / 4.41 3.62 / 4.40
Turning radius between walls with brakes / without brakes	m	4.97 / 5.70 5.01 / 5.75
Transmission		
Powershuttle mechanical gear box with four forward and four reverse fully synchronized gears or Powershift transmission with four forward and reverse speeds. Electro-hydraulic forward/reverse lever on steering column or switch on loader pilot control. Automatic mode is activated when fourth gear is engaged.		
Travel speed		
Powershuttle		
1 st gear	km/h	5.8 6
2 nd gear	km/h	9.2 9.6
3 rd gear	km/h	19.5 20.8
4 th gear	km/h	37 37.3

	BL61B	BL71B
Powershift		
1 st gear	km/h	5.9 6.1
2 nd gear	km/h	9.5 9.9
3 rd gear	km/h	20.2 21.5
4 th gear	km/h	36.2 36.5
Brakes		
Service brakes type: Multi-plate, oil-immersed, servo power-assisted, self adjusting outboard disc brakes. Parking brake type: External disc on input shaft.		
Number of brake discs per side		2
Service fill capacities		
Fuel system	l	150
Hydraulic system	l	140
Cooling system	l	20
Hydraulic reservoir	l	48
Engine oil (including filter)	l	13.2
Front axle oil capacity (including differential and hubs)	l	8.1
Rear axle oil capacity (including differential and hubs)	l	14.5
Backhoe performance		
The curved excavator boom has a closed box-welded construction with fewer components and welds to guarantee a superior strength. The kingpost is composed of cast iron to allow flexible movement and swing. Extendible arm increases the reach by 1 m.		
Standard arm		
Bucket width	mm	625
Bucket capacity	m ³	0.2
Bucket breakout force ISO / SAE J1179	kN	55.7 / 50 62.4 / 56
Arm breakout force SAE J1179	kN	32.6 38.8
Bucket rotation	°	205
Extendible arm		
Bucket width	mm	625
Bucket capacity	m ³	0.2
Bucket breakout force retracted or extended ISO / SAE J1179	kN	55.7 / 50 62.4 / 56
Arm breakout force retracted / extended SAE J1179	kN	32.6 / 24.3 38.8 / 28.9
Bucket rotation	°	205
Loader performance		
Volvo patented loader linkage features a single cylinder and is self leveling with float and return-to-dig. Loader is box weld constructed with large diameter cross member and friction welded dual lift cylinders.		
Lift capacity at full height (Bucket 1 m ³ , 2 350 mm, pin on) GP / MP	kg	2 830 / 2 630 3 320 / 3 130
Bucket breakout force (Bucket 1 m ³ , 2350 mm, pin on) GP / MP	kN	45.3 / 43.7 57.1 / 55.5
Loader arm breakout force (Bucket 1 m ³ , 2350 mm, pin on) GP / MP	kN	48.5 / 45.5 55.4 / 52.9
Tires (Standard)		
Front		340/80x18 400/70x20
Rear		440/80x28 480/80x26
Noise level		
Inside cab	dB(A)	75
Outside cab	dB(A)	102





Dimensions.



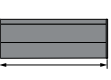


DIMENSIONS (STANDARD CONFIGURATION)

		BL61B	BL71B
A Overall length	m	5.83	5.81
B Overall width	m	2.45	2.45
C Overall height	m	3.77	3.75
D Wheelbase 4WD	m	2.18	2.19
E Ground clearance	m	0.33	0.37
F Height to top of ROPS (cab/canopy)	m	2.96	2.95
G Stabiliser overall width	m	2.30	2.30

EXCAVATOR BUCKETS

				
	Width	Weight	Capacity	Nbr. Teeth
Standard Duty backhoe bucket	310 mm	93 kg	0.08 m ³	3
	410 mm	100 kg	0.12 m ³	3
	465 mm	109 kg	0.13 m ³	4
	625 mm	125 kg	0.19 m ³	4
	925 mm	163 kg	0.29 m ³	5
Heavy Duty backhoe bucket	310 mm	117 kg	0.08 m ³	3
	465 mm	139 kg	0.14 m ³	4
	625 mm	166 kg	0.2 m ³	5
	925 mm	214 kg	0.33 m ³	6
Fixed ditching backhoe bucket	1 200 mm	135 kg	0.16 m ³	0
	1 500 mm	158 kg	0.21 m ³	0

LOADER BUCKETS

			
	Width	Weight	Capacity
General Purpose bucket	2 350 mm	475 kg	1.0 m ³
Multi Purpose bucket	2 350 mm	790 kg	1.0 m ³

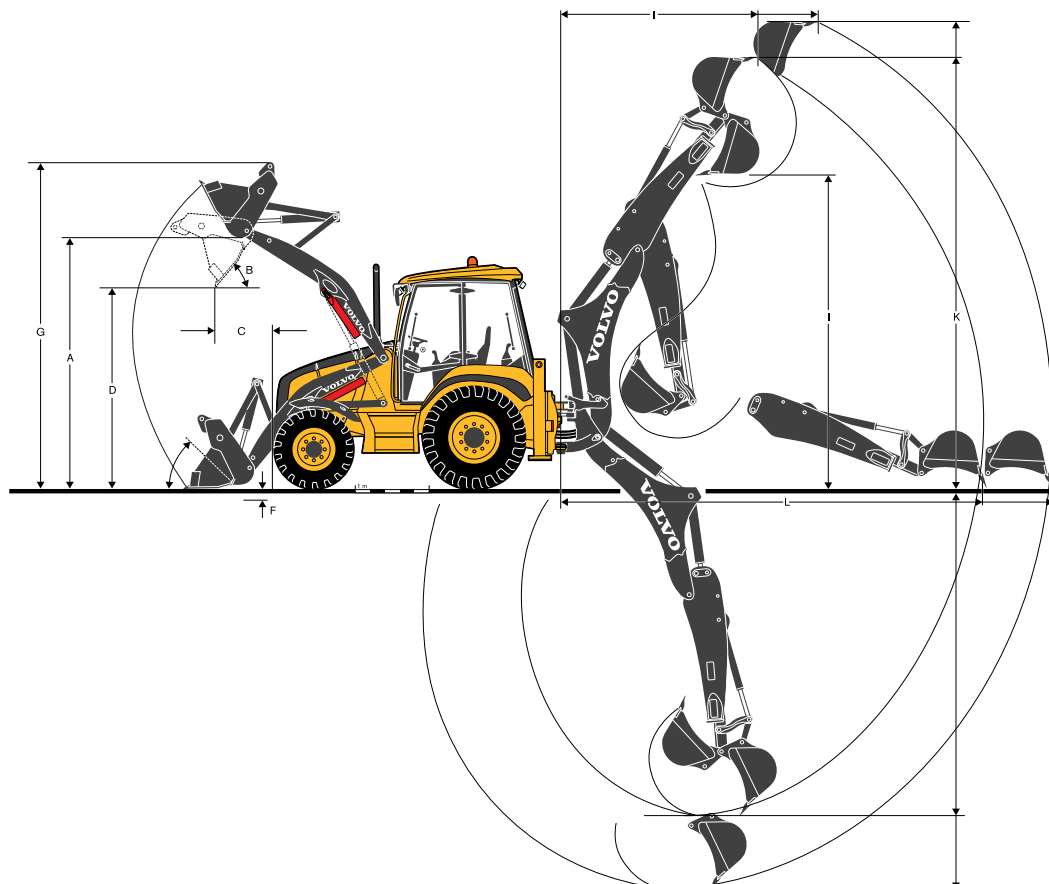
BACKHOE PART

Backhoe bucket		
Fixed ditching bucket	mm	1 200
		1 500
General Purpose Heavy Duty	mm	310
		465
		625
		925
General Purpose Standard Duty	mm	310
		410
		465
		625
		925
Backhoe Quick Coupler		
Volvo mechanical quick coupler		
Volvo hydraulic quick coupler		
Hydraulic breaker		
Hydraulic breaker		HB07S
Breaker HB07S tools		
Hydraulic thumb		

LOADER PART

Loader bucket, direct pin-on		
General Purpose Standard Duty	m ³	1.0
General Purpose Heavy Duty	m ³	1.0
General Purpose bucket with fork retention bracket	m ³	1.0
Loader Volvo Attachment Bracket (VAB)		
Volvo TPV hydraulic attachment bracket		
Loader bucket, VAB		
General Purpose Standard Duty	m ³	1.0
Multi Purpose Standard Duty	m ³	1.0
Bolt-on teeth		
Bolt-on edges		
Forks		
Flip over pallet forks	mm	1 070
Fork kit VAB	mm	1 200

Working ranges.



LOADER DIMENSIONS

			BL61B	BL71B
A	Height to loader hinge pin	m	3.40	3.46
B	Dump angle (GP bucket, 1 m ³ , pin on)	°	50	49
C	Dump reach at 45° (GP bucket, 1 m ³ , pin on)	m	1.06	1.01
D	Dump height at 45° (GP bucket, 1 m ³ , pin on)	m	2.80	2.86
E	Bucket rollback at ground level (GP bucket, 1 m ³ , pin on)	°	44	44
F	Maximum digging depth (GP bucket, 1 m ³ , pin on)	m	0.22	0.16
G	Maximum operating height (MP bucket, 1 m ³ , pin on)	m	4.41	4.46
	Max. grading angle (GP bucket, 1 m ³ , pin on)	°	116	117

BACKHOE DIMENSION - STANDARD ARM

			BL61B	BL71B
H	Maximum digging depth (SAE)	m	4.26	4.29
	Digging depth SAE (0.61 m) flat bottom	m	4.23	4.27
I	Loading clearance	m	3.94	3.91
J	Loading reach at maximum height	m	2.55	2.61
K	Operating height	m	5.67	5.63
L	Reach from swing post at ground level	m	5.86	5.86
M	Reach from rear axle	m	7.17	7.17

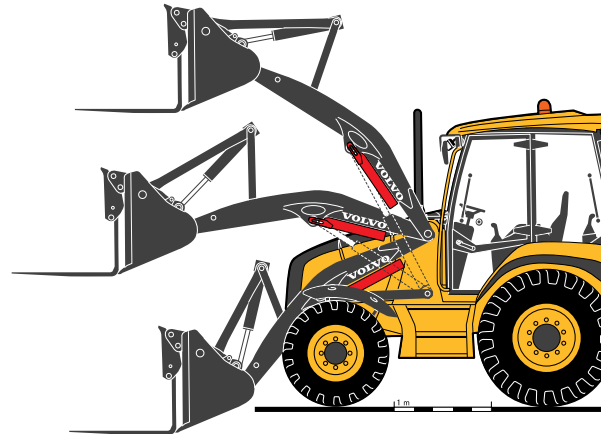
BACKHOE DIMENSION - EXTENDIBLE ARM

			BL61B	BL71B
H	Maximum digging depth (SAE) Ret	m	4.27	4.29
	Maximum digging depth (SAE) Ext	m	5.32	5.35
	Digging depth SAE (0.61 m) flat bottom Ret	m	4.23	4.27
	Digging depth SAE (0.61 m) flat bottom Ext	m	5.29	5.32
I	Loading clearance Ret	m	3.95	3.92
	Loading clearance Ext	m	4.57	4.53
J	Loading reach at maximum height Ret	m	2.54	2.60
	Loading reach at maximum height Ext	m	3.41	3.48
K	Operating height Ret	m	5.67	5.63
	Operating height Ext	m	6.29	6.25
L	Reach from swing post at ground level Ret	m	5.86	5.86
	Reach from swing post at ground level Ext	m	6.83	6.83
M	Reach from rear axle Ret	m	7.17	7.17
	Reach from rear axle Ext	m	8.14	8.14
	Swing torque	kN	26	26
	Maximum digging depth	m	6.03	6.03

Loader lift capacity.

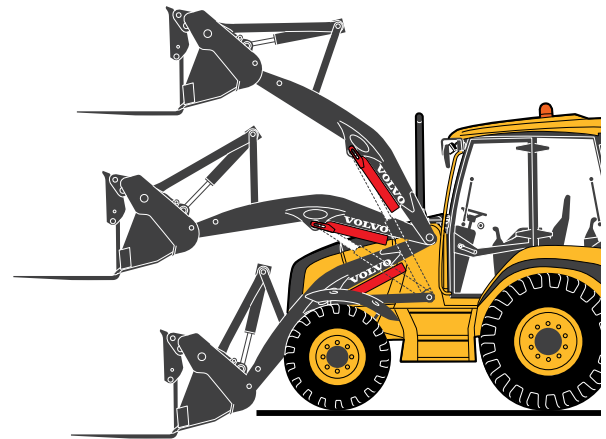
OPERATING SPECIFICATIONS with flip-over forks on a GP bucket*

		BL61B	BL71B
Fork Tine Length	mm		1 070
Load centre of gravity position (according to ISO 2330)	mm		500
Operating load	kg	1 480	1 780



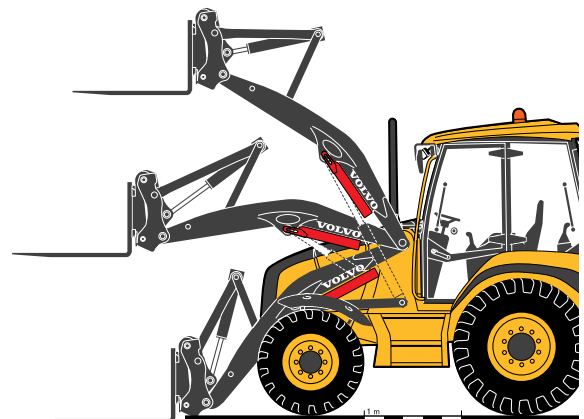
OPERATING SPECIFICATIONS with flip-over forks on a MP bucket*

		BL61B	BL71B
Fork Tine Length	mm		1 070
Load centre of gravity position (according to ISO 2330)	mm		500
Operating load	kg	1 340	1 640



OPERATING SPECIFICATIONS with pallet-forks on loader attachment bracket

		BL61B	BL71B
Fork Tine Length	mm		1 200
Load centre of gravity position (according to ISO 2330)	mm		500
Operating load	kg	2 280	2 630



* According ISO 14397-1; SAE J732 standard dipper equipped with 300 mm bucket, canopy

Cycle times w/ GP Bucket

Loader Cycle Times w/ GP bucket (sec.)	BL61B	BL71B
Raise to full height	4.1	4.6
Dump time	1.9	1.8
Curl time	2.4	2.3
Lower	3.4	3.1

Equipments.

- = Standard
- = Option
- = Not available

STANDARD EQUIPMENT	BL61B	BL71B
Engine		
Volvo 3.8H turbocharged diesel 91 hp SAE net (68kW) / SAE gross 94 hp (70.2kW)	•	◦
Volvo 3.8H turbocharged diesel 101 hp SAE Net (76kW) / SAE Gross 105 hp (78.6kW)	-	◦
Meeting Stage 3B/Tier 4i compliance requirements	•	•
Hand and foot throttles	•	•
Ground line fuel fill with 150 liter capacity	•	•
Large diameter fuel filler pipe with strainer	•	•
Lockable fuel tank cap (with machine key)	•	•
Fuel cooler	•	•
Fuel breather	•	•
High capacity engine cooling pack	•	•
Front protection grill	•	•
Front protection vertical rubber bumpers	•	•
Rear-tilting, one-piece engine hood for good engine access	•	•
Cyclonic pre-filter	◦	◦
Electrical System		
Horn	•	•
Two rotating beacons	◦	◦
Battery disconnect switch	•	•
Battery, 680 CCA	•	•
Additional battery	◦	◦
Alternator 115 Amp.	•	•
Anti-theft device	•	•
Rear light protection	◦	◦
Care Track GSM	◦	◦
Care Track Satellite	◦	◦
Hydraulic System		
Lockable hydraulic tank cap	•	•
"Flow Sharing" system	•	•
Gear pump	•	-
Electronically controlled variable displacement piston pump	-	•
Front tilting hydraulic oil cooler	•	•
Volvo Hydraulic Safeguard System (VHSS)	-	•
ISO VG68 mineral hydraulic oil	◦	◦
ISO VG46 mineral hydraulic oil	◦	◦
Driveline		
Power steering	•	•
Four wheel drive	•	•
Automatic 4WD assist braking above 20 km/h	•	•
100% rear differential lock	•	•
Torque converter	•	•
Four-speed synchromesh transmission (Powershuttle)	◦	◦

Driveline		
Four speed fully automatic transmission (Powershift)	◦	◦
Speedometer	•	•
Brake pedals operable either independently or interlocked	•	•
Parking brake	•	•
Parking brake test switch	•	•
18" front tyres	◦	-
20" front tyres	◦	•
Bias tyres	◦	◦
Radial tyres	◦	◦
Drive shaft guard	◦	◦
Front fenders	◦	◦
Loader		
Arms with dual lift cylinders and single, center-mounted tilt cylinder	•	•
Hydro-mechanical self-leveling system, loader arm float and bucket return-to-dig	•	•
Loader mechanical control lever	•	-
Multifunctional loader joystick pilot control	-	•
Transmission disconnect switch on control lever / Joystick	•	•
Transmission forward / neutral / reverse buttons on joystick	-	•
Additional lever for Multi Purpose bucket	◦	-
Roller switch for Multi Purpose bucket	-	•
Loader hydraulics for Multi Purpose bucket	◦	•
Constant flow on loader MP hydraulics (for front auxiliaries)	-	•
Boom suspension system	◦	◦
Loader safety valve	◦	◦
Loader Attachments		
Hydraulic Loader Attachment Bracket	◦	◦
General Purpose loader buckets	◦	◦
Multi Purpose loader buckets	◦	◦
Tooth kit VTS MB8	◦	◦
Bolt-on-edge 2350mm	◦	◦
Flip-over forks for General or Multi Purposes loader buckets	◦	◦
Fork kit for Loader Attachment Bracket	◦	◦
Log grapple for Loader Attachment Bracket	◦	◦
High Tip bucket for Loader Attachment Bracket	◦	◦
Side Tip bucket for Loader Attachment Bracket	◦	◦

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Equipments.

- = Standard
- = Option
- = Not available

STANDARD EQUIPMENT	BL61B	BL71B
Backhoe		
Excavator working modes (standard/eco/fine)	-	•
Engine automatic idling	◦	•
Sideshift, locking	•	•
Mechanical levers control ISO pattern	◦	◦
Mechanical levers control SAE pattern	◦	◦
Mechanical levers control X pattern	◦	◦
ISO Pilot control	-	◦
SAE Pilot control	-	◦
ISO / SAE Pilot control with in-cab pattern change-over switch	-	◦
Standard connecting rod	◦	◦
Connecting rod with integrated lifting eye	◦	◦
C-rod with lifting eye, and additional boom & arm hose rupture valve	◦	◦
Standard dipper arm	◦	◦
Extendible dipper arm	◦	◦
Double acting circuit for hydraulic quick coupler	◦	◦
Hydraulic circuit for breaker (auxiliary single acting circuit)	◦	◦
Auxiliary bi-directional hydraulic circuit (auxiliary double acting circuit)	◦	◦
Backhoe Attachments		
Hydraulic Quick Coupler	◦	◦
Mechanical Quick Coupler	◦	◦
General Purpose buckets Standard Duty	◦	◦
General Purpose buckets Heavy Duty	◦	◦
Fixed ditching buckets	◦	◦
Tiltable ditching bucket	◦	◦
Hydraulic thumb	◦	◦
Hydraulic breaker	◦	◦
Pin kits	◦	◦
Side cutters kits	◦	◦
Operator's station		
Basic Cab	◦	◦
Standard Cab	◦	◦
Deluxe Cab	-	◦
Air Conditioning	◦	◦
Others		
Reversing alarm	◦	◦
Additional hour recorder	◦	◦
Stabilizer street pads	◦	◦
Front counterweight bumper	◦	◦
Additional front counterweight (horizontal)	◦	◦
King post guard	◦	◦
Special colours	◦	◦
Front number plate	◦	◦
Rear number plate and light	◦	◦
Cold climate preparation (engine block heater, double battery and VG32 hydraulic oil)	◦	◦

Safety		
Engine fan guard	•	•
Engine Accessory belt guard	•	•
Integrated loader safety strut	•	•
Hydraulic control locking device (loader and excavator)	•	•
Swing transport lock	•	•
Automatic spring applied and hydraulically released boom-lock	•	•
Stabilizer low position detectors	•	•
ROPS and FOPS level 2 certified cab	•	•
Two wheel chocks	◦	◦
Fire extinguisher Support	◦	◦
First aid kit support	◦	◦

Service and Maintenance		
Large external tool box	•	•
Tool kit	◦	◦
50-hour greasing intervals	•	•
Gauges:		
Coolant temperature		
Fuel level		
Hour recorder		
Warning and control lamps:	•	•
Preheating element engine,		
High coolant temperature engine,		
Low oil pressure engine,		
Air filter engine,		
High oil temperature transmission,		
Service indicator,		
Battery charging,		
Hydraulic oil filter,		
High hydraulic oil temperature,		
Low hydraulic oil temperature,		
Fuel system water separator		
Regeneration needed		
High exhaust temperature		
Warning buzzer	•	•

BHL CAB CONFIGURATION	Basic	Standard	Deluxe
	Doors and windows		
Left door only	•	-	-
Two doors with fixed widows (include plastic door trim)	-	•	-
Two doors with openable widows (include plastic door trim)	-	-	•
Opening rear side windows	•	•	•
All tinted glass	•	•	•
Front windscreen + wiper	•	•	•
One-piece opening rear window + wiper	•	•	•

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BHL CAB CONFIGURATION	Basic	Standard	Deluxe
Roof			
Plastic Roof	•	•	•
Headliner	•	•	•
Power socket x 2 - External Rotating beacon switch	•	•	•
Seat			
Vinyl seat with mechanical suspension	°	-	-
Fabric seat with mechanical suspension	°	-	-
Heated fabric seat with air suspension	-	•	•
Arm rest	°	•	•
Seat back rest	-	°	•
Retractable seat belt 2"	•	•	•
Retractable seat belt 3"	°	°	°
Steering column			
Fixed steering column	°	-	-
Tilt steering column	°	•	-
Tilt and telescopic steering column	-	-	•
Steering wheel knob	°	°	°
Visibility			
Interior rearview mirror	•	•	•
Additional interior rearview mirror*	°	°	°
External rearview mirrors	•	•	•
Right hand traffic roading lights	°	°	°
Left hand traffic roading lights	°	°	°
Rear work lights x 2 (outer position)	•	•	•
Front work lights x 2 (outer position)	•	•	•
Additional work lights x 4 (inner position)	°	•	•
Fog light	°	°	°

BHL CAB CONFIGURATION	Basic	Standard	Deluxe
Visibility			
Dome light	•	•	•
Front fenders	°	°	°
Side mudguards	°	°	•
Safety			
Anti theft**	•	•	•
Support for fire extinguisher	°	°	°
Support bracket for first aid kit (aid kit not provided)	°	°	°
Other			
Heater	•	•	•
Air conditioning with cooled front storage	°	°	°
Coat hook	•	•	•
Mobile phone support	•	•	•
Open left hand storage	•	-	-
Left hand storage lid	-	•	•
Front right hand side storage lockable	•	•	•
Rear storage net pocket	-	•	•
Rubber mats for the storages	-	•	•
Roof shelves	-	-	•
Power socket	•	•	•
Sun visor	•	•	•
Speedometer Km/h - Mph	•	•	•
Additional hour meter	°	°	°
Radio preparation (antenna + speakers + support + 2 nd power socket + radio mute button)	°	°	•
Radio + CD/MP3 player (MP3 connector)	°	°	°

* 2 interior rearview mirrors with legals EU - CE

** No key pad. Function included in right instrument panel display

SELECTION OF VOLVO OPTIONAL EQUIPMENT

Hydraulic thumb



Auxiliary hydraulic circuit



Cab configurations



Air conditioning with cooled front storage



Counterweight bumper



Powershift



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VOLVO

Volvo Construction Equipment

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