VOLVO WHEEL LOADERS

SEMI-OPEN CAB
L60E, L70E, L90E
The semi-open Volvo Care Cab
Volvo Care Cab has long been recognized as one of the industry's most advanced operator environments. The semi-open cab offers the same ergonomic design and functionality found in the enclosed Care Cab, including a ROPS and FOPS structure tested and approved according to all applicable standards. All instrumentation and switches are grouped on either the central dashboard or the right hand console. Both are specially designed to keep the elements out, while keeping the important machine information in front of the operator. Additional protection from the elements is provided by the front windshield, rear window, and front and rear wipers and washers. The semi-open cab also boasts a fully adjustable seat with a weatherproof vinyl seat cover and a heavy-duty rubber floor mat, both of which are easy to clean after a full day's work. A standard vandalism kit, including integrated panel protection covers and a lockable storage compartment, keeps your loader safe from unwanted intruders.

The Volvo advantage
Naturally, all semi-open cab machines are equipped with Volvo’s well-known E-series features like high performance, low emission engines, transmissions with the Automatic Power Shift (APS) gearshifting system, load sensing hydraulics, visibility optimized Torque-Parellel linkage, and Contronic monitoring system. Together with Volvo Wheel Loaders’ extensive range of Genuine attachments, these machines are optimized for outstanding power, high productivity, and low fuel consumption - even on your toughest hot weather jobs.

Introducing the Volvo L60E, L70E, and L90E, now with a semi-open cab, offering the ideal solution for applications where easy access and effective ground communication are vital to completing the job. The Volvo semi-open cab wheel loaders combine all the outstanding benefits of the E-Series wheel loaders with those features necessary for working in open environments. So, if your operation involves, for example, land clearing, general contracting, pipe/utility work, or landscaping, you’ll be hard pressed to find any other loaders able to match the performance of our proven E-series wheel loaders.

<table>
<thead>
<tr>
<th></th>
<th>L60E</th>
<th>L70E</th>
<th>L90E</th>
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<tbody>
<tr>
<td>Engine rated output:</td>
<td>103 kW (140 hp)</td>
<td>113 kW (154 hp)</td>
<td>122 kW (166 hp)</td>
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<tr>
<td>Bucket capacity:</td>
<td>1,7-5,0 m³</td>
<td>2,0-6,4 m³</td>
<td>2,3-7,0 m³</td>
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<tr>
<td>Operating weight:</td>
<td>10,5-12,5 t</td>
<td>12,5-14,5 t</td>
<td>15,0-17,0 t</td>
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All the functionality and durability of Care Cab
- Designed to get the job done without compromise

Dashboard/right hand console with vandalism covers

All instruments and switches are grouped on either the central dashboard or right hand console, including the main information display and the Contronic keypad. The panels are designed to keep all controls dry and clean. Integrated steel vandalism covers keep your cab safe while you’re not around.

Convenient and weather resistant controls

Easy to operate fingertip hydraulic controls and a right hand forward/reverse switch are standard equipment. All buttons and switches are weather resistant and well protected from the elements.

Easy to clean

The fully adjustable suspended seat is covered with vinyl to keep rain, dust, and dirt from soaking through. Together with the heavy-duty rubber floor mat, the seat can be hosed down with water when cleaning is necessary.

Durable steel panels

All interior panels are now constructed of durable steel. The panel fitted to the rear wall protects the cab’s internal electrical system both from the weather and vandalism. The lockable fuse/relay panel uses rubber weatherstripping to keep water and dirt from contaminating the compartment.
STANDARD EQUIPMENT

Engine
Three stage air cleaner with ejector and inner filter Indicatior glass for coolant level Preheating of induction air Muffler, spark arresting Fuel filter with water trap Crankcase with ventilation oil trap

Electrical system
24 V, prewired for optional accessories Alternator, 24 V/55 A Battery disconnect switch Fuel gauge Transmission oil temperature gauge Coolant temperature gauge Hour meter Electric horn Instrument panel with symbols Lighting:
- Twin halogen front headlights with high and low beams
- Parking lights
- Double brake and tail lights
- Turn signals with flashing hazard light function
- Instrument lighting

Conronic, monitoring system, ECU with log and analysis system
Conronic display Fuel consumption Outdoor temperature Engine shutdown to idle (selectable) for:
- High engine coolant temperature
- Low engine oil pressure
- High transmission oil temperature Start interlock when gear is engaged Brake test Test function for warning and indicator lights

Drivetrain
Automatic Power Shift with operator-controlled clutch function for transmission cut-out when braking Transmission modulated with single lever control PWM-control between different gear positions (L90E) Forward and reverse switch also by the hydraulic lever console Differentials:
- front: 100% hydraulic diff lock
- rear: conventional

Brake system
Wet oil circulation cooled disc brakes on all four wheels, outboard mounted Dual brake circuits, front and rear Dual service brake pedals Secondary brake system Parking brake, el-hydraulic Brake wear indicator

Cabs
ROPS (SAE J1040CC, ISO 3471), FOPS (SAE J231, ISO 3449)
- Floor mat
- Interior rear-view mirror

OPTIONAL EQUIPMENT (Standard on certain markets)

Service and maintenance
Tool box, llockable (L90E)
Tool kit
Wheel nut wrench kit

Engine equipment
Oil bath pre-cleaner
Turbo air cleaner
Fuel fill strainer
Coolant filter
Sy-klone pre cleaner
Reversible fan

Electrical system
Air filter for alternator Alternator, 80 A Attachment working light Halogen working lights (2 front and 2 rear) Extra working lights front Extra working lights rear Acoustic back-up signal Rotating beacon, collapsible Warning beacon, flashing strobe light Indicator lamps Reverse lights 12 Volt outlet

Cab
Retractable seatbelt, longer and wider than standard Armrest (left) for ISRI operator seat Steering knob

Drivetrain
Diff lock front 100%, limited slip rear Speed limiter 20 km/h, 30 km/h

Hydraulic system
Single lever control
- Single lever control for 3rd hydraulic function
3rd hydraulic function
- Boom Suspension System
Biodegradable hydraulic fluid
Attachment bracket, cast, visibility optimized
Separate attachment locking

External equipment
Mudguards, full coverage Mudflap kit for mudguards Logging counterweight Deletable front mudguards and rear wideners Footstep, right hand side including toolbox (L60E/ L70E)

Protective equipment
Guards for front headlights
Guards for tail lights
Windshield guard
Bellyguards, front and rear Cover plates, rear frame Radiator grille guard Battery boxes, steel Grease nipple guards Wheel/axle seal guards Center hinge and rear frame guards Cover plate, heavy-duty for front frame Cover plate, under cab

Other equipment
Sign, slow moving vehicle
Single acting lifting function
Sign 50 km/h

Tires
17.5 R25 (L60E)
20.5 R25 (L60E, L70E, L90E)
650/65 R25 (L90E)
600/65 R25 (L60E, L70E)

Attachments
Buckets:
- Light material
- Flat floor
- Grading
- High tipping
- Cutting edge in three sections, bolt-on Fork equipment
Material handling arm
Log grapples

For complete machine specifications, refer to Volvo L60E, L70E and L90E product brochures.
Technology on Human Terms

Volvo Construction Equipment is one of the world's leading manufacturers of construction machines, with a product range encompassing wheel loaders, excavators, articulated haulers, motor graders and more.

The tasks they face vary considerably, but they all share one vital feature: technology which helps man to perform better: safely, efficiently and with care of the environment. We refer to it as Technology on Human Terms.

The sheer width of the product range means it is always possible to choose exactly the right machine and attachment for the job. Each machine also comes with the quality, continuity and security which is represented by the Volvo name. The strength of the service and parts organizations; the security of always having immediate access to leading-edge research and technical development are part of the Volvo name. A machine from Volvo meets the very highest demands in all kinds of jobs, under all conditions, the world over.

Volvo Construction Equipment develops, manufactures and markets construction equipment. We are a Volvo company with production facilities on four continents and a market presence in over 100 countries.

For more information please visit our website: www.volvo.com

All products are not available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and designs without prior notice. The illustrations do not necessarily show the standard version of the machine.