EW205E
Volvo Wheeled Excavators  19.99-21.80 t  175 hp
A passion for performance

At Volvo Construction Equipment, we’re not just coming along for the ride. Developing products and services that raise productivity – we are confident we can lower costs and increase profits for industry experts. Part of the Volvo Group, we are passionate about innovative solutions to help you work smarter – not harder.

Helping you to do more

Doing more with less is a trademark of Volvo Construction Equipment. High productivity has long been married to low energy consumption, ease of use and durability. When it comes to lowering life-cycle costs, Volvo is in a class of its own.

Designed to fit your needs

There is a lot riding on creating solutions that are suited to the particular needs of different industry applications. Innovation often involves high technology – but it doesn’t always have to. Some of our best ideas have been simple, based on a clear and deep understanding of our customers’ working lives.

You learn a lot in 180 years

Over the years, Volvo has advanced solutions that have revolutionized the use of construction equipment. No other name speaks Safety louder than Volvo. Protecting operators, those around them and minimizing our environmental impact are traditional values that continue to shape our product design philosophy.

We’re on your side

We back the Volvo brand with the best people. Volvo is truly a global enterprise, one that is on standby to support customers quickly and efficiently – wherever they are.

We have a passion for performance.
Maximize your investment

Introducing the fuel efficient EW205E wheeled excavator from Volvo, offering continuous productivity and all the proven Volvo technology you’d expect from the legendary E-Series. With advanced hydraulics, Volvo’s unique ECO mode and a powerful Volvo engine, this superior digging and mobile tool carrying machine works with ultimate efficiency both off and on-road.

Get set and go
Keep performance high and costs low with the integrated machine control system. Choose the best work setup for the task at hand by selecting the most accurate engine RPM within a range of nine speeds. Begin paving quickly with this integrated feature and rely on the new ECO mode, which uses the latest electronic engine-pump control technology, to further boost fuel efficiency without any loss in performance.

Power up, fuel down
Get the bigger jobs done better, stronger and faster. Equipped with the powerful D6 Volvo engine, delivering high torque at low rpm, the EW205E offers continuous productivity. Cut fuel consumption with the auto idle system, which reduces the engine speed when controls are inactive for a pre-set amount of time. Meanwhile, the optional auto engine shut down helps you save time and money by switching off your machine after a pre-set period of inactivity.

Access more uptime
It’s easy to keep your operation up and running with easy service access. Anti-slip plates, wide steps and plentiful handrails, plus well-positioned guardrails enable swift serviceability. From ground-level, easily access grouped filters and centralized lubrication points for improved inspection and maintenance.

One trip is all it takes
Carry all your tools with you in the large toolbox, conveniently placed between the steps on the side of the machine. With your tools by your side, you can rest assured you have everything you need to adapt to any jobsite. For greater operator convenience, the grease-can can be positioned on the other side of the machine, helping you get back to work quickly.
Optimize fuel efficiency with the advanced hydraulics system. Combined with the fully electronic control system and advanced ECO mode, the hydraulic system has been optimized to work in harmony with the Tier 4 Final/Stage IV Volvo D6 engine, to match the engine power, reduce power loss and improve controllability and response time.
Comfort counts

Operate comfortably in the Volvo cab, packed with an array of features designed to maximize productivity and minimize operator fatigue. From the adjustable seat, experience all-around visibility and ease of operation thanks to the advanced climate control system and ergonomic controls. Stay informed of your productivity with the user-friendly monitor, which displays all necessary data for a profitable performance.
Productive from the inside out

Conveniently designed to make life easier on the job site, the EW205E is equipped with the latest features to increase operator comfort and productivity. The spacious cab, side view camera, and trigger type controls are just some of the standard features that contribute to a productive operation. Get ready to work with the wheeled excavator, offering precise movements to help you maintain total control and unparalleled performance.

All angles in view

Ensure ease of travel and mobility – particularly when driving on the road – with the rear and side view cameras. The cameras are fitted to the machine, enabling you to see different angles around the machine. Both views are displayed on the color monitor, creating a more comfortable working environment. Ease of transportation is further enhanced by the cruise control function, helping you stay focused on the road ahead.

Know no limits

No road is left untraveled with the E-Series wheeled excavator, offering superior on-or-off-road performance. Available from the factory as either road homologated or off-road, Volvo excavators are primed to work in any condition to ensure ultimate productivity in the toughest terrains.

Operator convenience

Control the machine with just one touch thanks to the ergonomically-designed joysticks. The right control lever controls forward and reverse movements, while the left control lever controls the axle lock.

Command and control

Enhance controllability with the EW205E, offering smooth and responsive movements for outstanding performance in both single and combined operations. The electro-hydraulic system and main control valve increase control and fuel efficiency, ensuring the right amount of flow is delivered to each operation.
Durable by design

Whether working in road construction, utilities, landscaping or any other application, the EW205E is tough enough to handle a wide variety of jobsites. With the robust structures, this well-balanced excavator boasts superior durability when operating in rough terrain and ultimate stability to lift heavy loads.

Durable drivetrain
The ideally-matched Volvo driveline has been built to work in perfect harmony. The durable Volvo design delivers excellent control for smooth travel and superior performance, resulting in high productivity.

Solid stability
A rigid dozer blade and outriggers optimize machine stability and increase versatility, enabling the excavator to carry out a variety of tasks. From lifting and loading to grading applications, the EW205E can endure the most demanding tasks.

Boom and arm you can rely on
Experience best-in-class performance with the reinforced boom and arm, designed to stretch further, dig deeper and reach higher. Based on a proven design, the EW205E excavator is designed for durability, offering a total reach of 9.7 meters the EW205E provides all the versatility to ensure long-lasting performance.

Take on the tough stuff
The strong structure easily absorbs impacts transferred through the digging equipment, while the reinforced welding between the center and side frames, and the boom and boom cylinder mounts, further enhance durability.
Built to last

Working in challenging conditions means every component matters. That’s why Volvo pays extra attention to all details during the manufacturing and product design processes – and the EW205E is no exception. Built to last, the machine is packed with durable components, including the rust-resistant silicone caulking, waterproof harnesses and connections and heavy-duty hinges.
The perfect package

Access more uptime
Front-right access, guardrails and anti-slip plates provide comfort and easy access to centralized lubrication points, inspection and maintenance where maximize machine uptime.

Boom and arm you can rely on
Offering a total reach of 9.7 meters, the reinforced boom and arm is an extension of the durably designed machine and undercarriage.

Here to support you
Volvo Service Agreements offer preventive maintenance, total repairs and a number of uptime services.

All angles in view
On-site or on the road, stay comfortable and in control with the side view cameras and cruise control, maximizing visibility and mobility.

Made to match
Access more jobsites thanks to a wide range of Volvo attachments that are purpose-built to work in harmony with Volvo machines.

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

COMPLETE SOLUTIONS
**COMFORT COUNTS**
Boasting equal measures comfort and productivity, the Volvo cab provides all-around visibility for greater control and convenience.

**Operator convenience**
Control the machine with just one touch. The joysticks feature two levers that control the machine direction and axle lock.

**HYDRAULICS IN HARMONY**
Designed to perfectly match the engine power, reduce power loss, and improve controllability and response time.

**Get set and go**
Choose the best work mode for the task at hand – select from I (Idle), F (Fine), G (General), H (Heavy) and P (Power max) plus the new ECO mode.

**BUILT TO LAST**
Protect your investment with rust-resistant silicone caulking, waterproof harnesses and connections, and heavy-duty door hinges.

**Power up, fuel down**
Volvo’s efficient D6 Tier 4f engine gives you more power while consuming less fuel for low emission levels.
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.
One-stop shop

To ensure your business runs smoothly, Volvo invests in the intelligent engineering of all our machines – but we don’t stop there. As your partner in production, we support what you do with the best equipment for the job. Our portfolio of products and services is designed to complement your machine’s performance and boost your profitability.

Made to match

Volvo’s durable attachments have been purpose-built to work in perfect harmony with Volvo machines, forming one solid, reliable unit. With functions and properties ideally matched, Volvo attachments are an integrated part of the excavator for which they’re intended.

Here to support you

Choose from our range of Volvo Service Agreements, offering 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 Volvo Service Agreement, you are in control of your service costs.

Uptime Services

Reduce repair costs and unplanned downtime with Uptime Services, designed to help keep your machine and business up and running. Utilizing innovative technology, Volvo dealers remotely monitor your machine. Any problems can be diagnosed early and corrective steps taken towards a sustainable solution. Stay on track with the latest software, planned servicing, flexible maintenance and repair options.

Dealer at your doorstep

With our extensive infrastructure of technicians, workshops and dealers, Volvo is here to fully support you using local knowledge and global experience. Whatever you do, wherever you go, your Volvo dealer is ready to help increase your uptime by attending to your service needs and offer expert support. Contact your local Volvo dealer to find the right solution for you.
Volvo EW205E in detail

**Engine**

The latest generation, Volvo engine Tier 4i / Stage IV emissions compliant, diesel engine fully meets the demands of the latest, emissions regulations. Featuring Volvo Advanced Combustion Technology (V-ACT), it is designed to deliver superior performance and fuel efficiency. The engine uses precise, high-pressure fuel injectors, turbo charger and air-to-air intercooler, and electronic engine controls to optimize machine performance.

- **Air Filter:** 3-stage with precleaner
- **Automatic Idling System:** Reduces engine speed to idle when the levers and pedals are not activated resulting in less fuel consumption and low cab noise levels.

<table>
<thead>
<tr>
<th>Engine</th>
<th>Max. power at rpm</th>
<th>Net (ISO9249/SAEJ1349) kW</th>
<th>Gross (ISO 14396/SAE J1995) kW</th>
<th>Max. torque Nm</th>
<th>Max. slew speed r/min</th>
<th>No. of cylinders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volvo</td>
<td>1 350</td>
<td>128</td>
<td>129</td>
<td>850</td>
<td>3 500</td>
<td>6</td>
</tr>
</tbody>
</table>

**Hydraulic system**

The new electro-hydraulic system and new MCV (main control valve) use intelligent technology to control on-demand flow for high productivity, high-digging capacity and excellent fuel economy. The summation system, boom, arm and swing priority along with boom, arm and bucket regeneration provides optimum performance.

The following important functions are included in the system:

- **Regeneration system:** Prevents cavitation and provides flow to other movements during simultaneous operations for maximum productivity.
- **Power boost:** All digging and lifting forces are increased.
- **Holding valves:** Boom and arm holding valves prevent the digging equipment from creeping.
- **Brake + steering pump:** Low noise gear pump

The following working modes are included in the system:

- **Parking mode (P):** Parking position for optimal safety.
- **Travel mode (T):** Engine speed is controlled by travel pedal stroke and mode selection switch for low fuel consumption and noise. Work equipment are not able to move at this mode for optimal safety.
- **Working mode (W):** Full working flow with adjustable engine rpm for normal working and best speed utilisation.
- **Creeping mode (C):** Additional working mode for fixed lower travel speed.

**Main pump:** 2 x Variable displacement axial piston pumps

<table>
<thead>
<tr>
<th>Max. flow l/min</th>
<th>Pilot pump: Gear pump</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 230</td>
<td></td>
</tr>
</tbody>
</table>

**Pilot system:**

- **Max. flow l/min:** 2 x 20

**Brake + steering pump:**

- **Low noise gear pump flow l/min:** 1 x 20.4 + 1 x 40.6

**Relief valve setting pressure**

- **Implement:** 32.4 / 34.3
- **Travel system:** 34.3
- **Slew system:** 27.9
- **Pilot system:** 3.9

**Hydraulic Cylinders**

- **Boom:** 2
- **Bore x Stroke ø x mm:** 120 x 1 235
- **Arm:** 1
- **Bore x Stroke ø x mm:** 135 x 1 540
- **Doser blade:** 1
- **Bore x Stroke ø x mm:** 1 025
- **Outrigger:** 2
- **Bore x Stroke ø x mm:** 130 x 395

**Total Machine Weights**

- **Machine with 5.7m boom, 2.7m arm, 683 kg / 860 l bucket (V4), with 3 050kg counterweight:** 19 990 kg
- **Machine with 5.7m boom, 2.7m arm, 683 kg / 860 l bucket (V4), with 3 400kg counterweight (option):** 21 310 kg

**Service Refill**

- **Fuel tank:** 300 l
- **DEF/AdBlue® tank:** 1 l
- **Hydraulic system, total:** 335 l
- **Hydraulic tank:** 1 485 l
- **Engine oil:** 1 l
- **Engine coolant:** 30.4 l
- **Spare part and lubricant:** 7 l
- **Transmission:** 1 l

**Axle differential:**

- **Front axe:** 1 l
- **Rear axle:** 1 l
- **Final drive:** 4 x 2.5 l

**Sound Level**

- **Sound level in cab according to ISO 6396 LpA dB(A):** 72
- **External sound level according to ISO 6395 and EU Noise Directive 2000/14/EC LwA dB(A):** 100
Specifications

MACHINE DIMENSIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>EW205E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom</td>
<td>m</td>
<td>5.65</td>
</tr>
<tr>
<td>Arm</td>
<td>m</td>
<td>2.7</td>
</tr>
<tr>
<td>A. Overall width of upper structure</td>
<td>mm</td>
<td>2 500</td>
</tr>
<tr>
<td>B. Overall width</td>
<td>mm</td>
<td>2 500</td>
</tr>
<tr>
<td>C. Overall height of cab</td>
<td>mm</td>
<td>3 180</td>
</tr>
<tr>
<td>D. Tail swing radius</td>
<td>mm</td>
<td>2 800</td>
</tr>
<tr>
<td>E. Overall height of engine hood</td>
<td>mm</td>
<td>2 790</td>
</tr>
<tr>
<td>F. Counterweight clearance</td>
<td>mm</td>
<td>1 255</td>
</tr>
<tr>
<td>G. Wheel base</td>
<td>mm</td>
<td>2 850</td>
</tr>
<tr>
<td>H. Tread width</td>
<td>mm</td>
<td>1 914</td>
</tr>
<tr>
<td>I. Min. ground clearance</td>
<td>mm</td>
<td>337</td>
</tr>
<tr>
<td>J. Overall length (travel position)</td>
<td>mm</td>
<td>9 390</td>
</tr>
<tr>
<td>K. Overall height of boom (travel position)</td>
<td>mm</td>
<td>3 969</td>
</tr>
<tr>
<td>L. Overall length (transportation position)</td>
<td>mm</td>
<td>9 510</td>
</tr>
<tr>
<td>M. Overall height of boom (transportation position)</td>
<td>mm</td>
<td>3 185</td>
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</table>

OUTRIGGER AND DOZER BLADE

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Front Dozer &amp; Rear Outrigger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wheel base</td>
<td>A</td>
<td>mm</td>
</tr>
<tr>
<td>Dozer to wheel</td>
<td>B</td>
<td>mm</td>
</tr>
<tr>
<td>Outrigger to wheel</td>
<td>C</td>
<td>mm</td>
</tr>
<tr>
<td>Width digging</td>
<td>D</td>
<td>mm</td>
</tr>
<tr>
<td>Width</td>
<td>E</td>
<td>mm</td>
</tr>
<tr>
<td>Digging depth</td>
<td>F</td>
<td>mm</td>
</tr>
<tr>
<td>Clearance</td>
<td>G</td>
<td>mm</td>
</tr>
<tr>
<td>height</td>
<td>H</td>
<td>mm</td>
</tr>
<tr>
<td>Weight</td>
<td>kg</td>
<td>1 186</td>
</tr>
<tr>
<td>Outrigger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dozer Blade</td>
<td>I</td>
<td>mm</td>
</tr>
<tr>
<td>Digging depth</td>
<td>J</td>
<td>mm</td>
</tr>
<tr>
<td>Lifting height</td>
<td>K</td>
<td>mm</td>
</tr>
<tr>
<td>Width</td>
<td>mm</td>
<td>2 500</td>
</tr>
<tr>
<td>Weight</td>
<td>kg</td>
<td>819</td>
</tr>
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</table>

BOOM AND ARM

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Boom</th>
<th>Arm(LD)</th>
<th>Arm(GP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>m</td>
<td></td>
<td>5.65</td>
<td>2.7</td>
<td>2.7</td>
</tr>
<tr>
<td>A. Length</td>
<td>mm</td>
<td>5 870</td>
<td>3 710</td>
<td>3 710</td>
</tr>
<tr>
<td>B. Height</td>
<td>mm</td>
<td>1 650</td>
<td>870</td>
<td>870</td>
</tr>
<tr>
<td>Width</td>
<td>mm</td>
<td>670</td>
<td>440</td>
<td>440</td>
</tr>
<tr>
<td>Weight</td>
<td>kg</td>
<td>1 995</td>
<td>1 040</td>
<td>1 080</td>
</tr>
</tbody>
</table>

Boom: Includes cylinder, piping and pin, excludes boom cyl. Pin
Arm: Includes cylinder, linkage and pin
Specifications

WORKING RANGES WITH DIRECT FIT BUCKET

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>EW20SE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boom</td>
<td>m</td>
<td>5.65</td>
</tr>
<tr>
<td>Arm</td>
<td>m</td>
<td>2.7</td>
</tr>
<tr>
<td>A. Max. digging reach</td>
<td>mm</td>
<td>9,685</td>
</tr>
<tr>
<td>B. Max. digging reach on ground</td>
<td>mm</td>
<td>9,490</td>
</tr>
<tr>
<td>C. Max. digging depth</td>
<td>Along mm</td>
<td>5,565</td>
</tr>
<tr>
<td>D. Max. digging depth (I=2440 mm level)</td>
<td>Along mm</td>
<td>5,380</td>
</tr>
<tr>
<td>E. Max. vertical wall digging depth</td>
<td>mm</td>
<td>4,125</td>
</tr>
<tr>
<td>F. Max. cutting height</td>
<td>mm</td>
<td>9,895</td>
</tr>
<tr>
<td>G. Max. dumping height</td>
<td>mm</td>
<td>7,085</td>
</tr>
<tr>
<td>H. Min. front swing radius</td>
<td>mm</td>
<td>3,310</td>
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</table>

DIGGING FORCES WITH DIRECT FIT BUCKET

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit</th>
<th>Normal SAE kN</th>
<th>Normal ISO kN</th>
<th>Power boost SAE kN</th>
<th>Power boost ISO kN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bucket radius</td>
<td>mm</td>
<td>1,470</td>
<td></td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Breakout force (bucket)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal</td>
<td>kN</td>
<td>122</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power boost</td>
<td>kN</td>
<td></td>
<td>130</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tearout force (arm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal</td>
<td>kN</td>
<td>100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power boost</td>
<td>kN</td>
<td>106</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rotation angle, bucket</td>
<td>deg</td>
<td></td>
<td></td>
<td></td>
<td>175</td>
</tr>
</tbody>
</table>
## BUCKET SELECTION GUIDE

<table>
<thead>
<tr>
<th>Bucket type</th>
<th>Capacity</th>
<th>Cutting width</th>
<th>Weight</th>
<th>Teeth</th>
<th>Front outrigger and rear dozer blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Buckets (V4) without quick coupler</td>
<td>General Purpose</td>
<td>860</td>
<td>1 235</td>
<td>682</td>
<td>5</td>
</tr>
<tr>
<td>Light Utility</td>
<td>1 000</td>
<td>1 235</td>
<td>736</td>
<td>5</td>
<td>C</td>
</tr>
</tbody>
</table>

Please consult with your Volvo dealer for the proper match of buckets and attachments to suit the application.

The recommendations are given as a guide only, based on typical operation conditions.

Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

### Maximum material density

| A | 1 200~1 300 kg/m³ | Coal, Caliche, Shale |
| B | 1 400~1 600 kg/m³ | Wet earth and clay, Limestone, Sandstone |
| C | 1 700~1 800 kg/m³ | Granite, Wet sand, Well blasted rock |
| D | 1 900 kg/m³ | Wet mud, Iron ore |

### LIFTING CAPACITY EW205E

At the arm end, without bucket and quick fit. For lifting capacity including bucket/quick fit, simply subtract actual weight of those parts from the following values. With heavy counterweight. Unit: 1 000kg

Notes: 1. Machine in “Fine Mode-F” (Power Boost) for lifting capacities. 2. The above values are in compliance with ISO standard 10567. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load, with the machine on firm, level ground. 3. Load capacities marked with an asterisk (*) are limited by machine’s hydraulic lifting capacity rather than tipping load.
# Equipment

## STANDARD EQUIPMENT

### Engine
- Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets Tier 4f / Stage IV requirements
- Standard cooling system by fan clutch (40 deg. C)
- Electric engine shut-off
- Air filter with indicator
- Air intake heater
- Cyclone pre-cleaner
- Fuel filter and water separator
- Alternator, 80 A

### Electric / Electronic control system
- Engine speed sensing power control
- Automatic idling system
- One-touch power boost
- Safety stop/start function
- Adjustable LCD color monitor
- Master electrical disconnect switch
- Engine restart prevention circuit
- Emergency engine stop
- Travel alarm
- Rear view camera
- High-capacity halogen lamps:
  - Frame-mounted 2
  - Boom-mounted 1
- Battery, 2 x 12 V / 140 Ah
- Start motor, 24 V / 5.5 kW

### Superstructure
- Service walkway with anti-slip grating
- Access way with handrail
- Centralized lubricating point for swing bearing
- Tool storage area
- Counterweight
- Undercover

### Undercarriage
- Lower frame with Front outrigger and rear dozer blade
- Mudguard
- 2-speed power transmission plus creep
- Oscillating front axle
- 2-circuit travel brakes
- Maintenance-free propeller shafts
- Tire 10.00-20-14PR

## STANDARD EQUIPMENT

### Hydraulic system
- Automatic hydraulic system
- Summation system
- Boom priority
- Swing priority
- "ECO" mode fuel saving technology
- Boom, arm and bucket regeneration valves
- Swing anti-rebound valves
- Hydraulic piping:
  - Hammer, 1 pump flow
  - Slope/Rotator
  - Boom and arm holding valves
- Multi-stage filtering system
- Cylinder cushioning
- Cylinder contamination seals
- Hydraulic oil, longlife oil 46

### Cab and interior
- Rubber mounts with spring
- Heater and air-conditioner, automatic
- Adjustable operator seat and joystick control console
- Adjustable steering wheel
- 4 switch Control joystick with traveling function
- Flexible antenna
- Radio with MP3/AUX
- Control lock out lever
- Cab, all-weather sound suppressed, includes:
  - Cup holders
  - Door locks
  - Tinted and safety glass
  - Floor mat
  - Horn
  - Pull-up type front window
  - Removable lower windshield
  - Seat belt
  - Windshield wiper with intermittent feature
- Sun Screen, front/roof/rear
- Combination Key

### Digging Equipment
- Boom: 5.65m
- LD Arm: 2.7m with strip
- LD Linkage
- Centralized lubrication point

### Service
- Tool kit, full scale
Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

### Optional Equipment

#### Engine
- Oil bath pre-cleaner
- Water separator with heater
- Auto engine shutdown
- Fuel filler pump: 15 lpm with auto stop

#### Electric
- Caretrack
- Extra work lights:
  - Boom-mounted 1
  - Cab-mounted 3 (front 2, rear 1)
  - Counterweight-mounted 1
- Anti-theft system
- Side view camera, KR wheeled
- Flashing beacon, LED
- Cleaning air gun
- Microphone

#### Superstructure
- Heavy Counterweight

#### Hydraulic System
- Boom hose rupture valve with overload warning device
- Arm hose rupture valve
- Hydraulic piping:
  - Hammer & shear, 1 and 2 pump flow
  - Slope/Rotator
  - Quick coupler
- Volvo hydraulic quick coupler S1, Dromone
- Hydraulic oil, ISO VG 32, 68
- Hydraulic oil, longlife oil 32, 46, 68

#### Cab and Interior
- ROPS (ISO12117-2) certified cab with openable roof hatch
- Mechanical suspension seat without heater and x-isolator
- Mechanical suspension seat with heater without x-isolator
- Air suspension seat with heater and x-isolator
- Cab-mounted falling object guard (FOG) hinged type
- Cab-mounted falling object protective structure (FOPS)
- Smoker kit (ashtray and lighter)
- Safety net for front window
- Front rain shield
- Sun shield, roof hatch (steel)
- Radio with MP3/AUX/Bluetooth
- Universal Key

#### Digging Equipment
- GP Arm: 2.7m with strip
- GP Linkage

#### Service
- Tool kit, daily maintenance
- Spare parts kit

### Selection of Volvo Optional Equipment

<table>
<thead>
<tr>
<th>Optional Equipment</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Auxiliary Hydraulics</strong></td>
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<tr>
<td><strong>Air Compressor</strong></td>
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<tr>
<td><strong>LED Lights</strong></td>
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<tr>
<td><strong>Side and Rear View Camera</strong></td>
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<tr>
<td><strong>Fuel Filler Pump</strong></td>
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<tr>
<td><strong>Oil Bath Air Cleaner</strong></td>
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</tbody>
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Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.