**VOLVO EXCAVATOR** 

# EC700B LC



**VOLVO** 

## **YOUR 70-TON PERFORMANCE EDGE**

Aggressive. Rugged. Stout. Powerful. Balanced. Impressive credentials for any excavator. But what does it really mean on a demanding job site, where pure steel muscle meets unflinching earth? Just ask a Volvo EC700B operator. He'll sum it up in three words: "bring it on."

Meet the new gold standard in production digging. Built on extensive customer input and exhaustive research, the Volvo EC700B excavator has a commanding performance profile. Think you've seen production? Just watch.

#### Big machine, bigger performance

From the boom to the counterweight, this excavator's advantage comes from simply being built better. The six-cylinder Volvo engine leads its class in horsepower and is perfectly harmonized with the hydraulic system for smooth, responsive digging and lifting.

Key components are higher capacity and heavier gauge than you'd expect on a 70-ton machine. The main pump, swing motor and bearing and track rollers are from the 80-ton machine class, so you can count on durability and long machine life. The extra-duty undercarriage provides solid footing, enhanced by a wide track gauge and an extra-heavy counterweight.

The EC700B is perfectly matched for loading the Volvo A40D articulated hauler. With buckets and digging equipment that can be customized for the application, the EC700B will fill the 40-ton truck in four to six passes. Quick cycles mean more tons moved on every shift.

Contractors always look for an edge to make jobs more efficient and profitable. The EC700B is that performance edge. With the power and mettle to lead on any job site, the EC700B has earned the right to bear the name that means excavator performance — Volvo.





## **MOVE MORE MATERIAL — THEN MOVE ON**

In the battle between big iron and terra firma, the Volvo EC700B excavator is built to win. Conditions in the field are tough: production trenching, mass excavation, quarry loading, rock-face stripping. The EC700B is tougher — made to humble the most punishing material. With world-class Volvo power and advanced hydraulics, the EC700B powers through its cuts, then moves quickly and smoothly to load or dump.

With the EC700B, you'll move more material, move it faster, then move on.

## Perfectly matched to Volvo A40D hauler

Success at earthmoving relies on how efficiently an excavator loads haul trucks. The size, power and work flow of the EC700B make it an ideal partner for the industry-leading Volvo A40D articulated truck. Pass matching is critical to hold down cost per ton, and improve profit.

What makes such a good match for load-and-haul work? Start with stability from the wide-gauge track and heavy-duty counterweight. No bouncing or rocking that can slow cycles. High breakout forces, crowding forces and swing speed ensure the EC700B goes from trench to truck quickly and efficiently. The Volvo engine and hydraulics are well-matched for responsive control and high torque even at low RPMs. The result? The EC700B fills the A40D in four to six passes — an impressive Volvo team effort.

#### Adapts to job conditions

The EC700B is as flexible as it is powerful. It can be equipped with work tools that match an array of ground conditions and different applications. For general excavation, the EC700B comes with a general-purpose boom and arm. For mass-excavation jobs, it is outfitted with a short boom and short arm. Where jobs demand more reach and depth, a long arm is available. A standard boom and short arm is the configuration for mining or quarry work.

To enhance the EC700B's solid footing, three types of double grouser shoes are available to deliver the best grip and traction in varying ground conditions.





## THE EC700B IS A FORCE TO CONTEND WITH

Earth, start quaking. Quarry rock — time to flinch. Overburden, buckle up. Heavy clay, be afraid. You may have seen excavators before — but not like this. Nothing like the Volvo EC700B. You're looking at 70 tons of steely resolve with an 80-ton resume and plenty of attitude. It moves material with power and purpose. It sips the fuel while cutting the trench and loading the bench. It wears like iron. And it won't back down. For the earthmover and rock-hauler, this is a true arsenal. The world of production digging may never be the same.

#### Stingy on fuel, high on performance

The heart of this excavator is the contractor's biggest advantage. The Volvo D16 engine sets the industry standard for low fuel consumption. High-pressure fuel injectors and electronic engine controls squeeze the most power from each drop of diesel. The savings are noticeable, and bankable. To complete the package, Volvo Advanced Combustion Technology (V-ACT) keeps engine emissions low and exceeds environmental standards.

In the trenches, the EC700B is all about force. Digging force, arm crowding force and breakout force. It delivers plenty of all three, from the first cut through the stroke to the breakout and load. High forces mean quicker cycle times, more tons loaded and faster job completion.

The EC700B's wide and stable stance helps the excavator make most use of the power. Long, wide-gauge tracks, an extra-duty undercarriage and heavy counterweight help the machine hug the ground and anchor the dig.

High-capacity components help give the EC700B its aggressive performance profile and robust features. Look at the tracks, the robotically welded frame, the swing system and main pump. The name says 70-ton, but the rating says 80-ton. Larger-capacity components give the EC700B a critical edge in durability and performance.

It's a tightly integrated excavator, designed to cut, dig and load in extreme conditions. And it just gave production excavation a new name: Volvo.



Loading: Built to load haul trucks in fewer passes



Lifting: Power and control for lift-and-set jobs



**Trenching:** Aggressive performance for long-run trenching





## FORGET DOWNTIME. LET'S TALK OVERTIME.

The daily job plan for high-demand earthmoving and material-loading jobs doesn't include downtime. An excavator can't take a break, or the whole job stops. Artics don't roll, material stays put and profitability goes south. The answer? The Volvo EC700B, forged from Volvo's long heritage building high-performance, reliable construction machines. With the EC700B, forget about down time. Let's talk overtime.

#### Rely on long-term performance

When the operator climbs into the cab each day, he needs to know the excavator will get it done — no matter the task or site conditions. The machine owner wants even more: low-cost operation, predictable uptime and long life. With the EC700B, they can both bank on it.

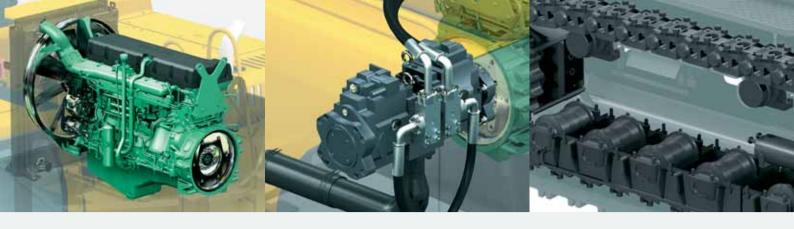
Stocked with proven, extra-duty components, the EC700B is rock-solid. The main pump and swing motor are high grade with extra capacity. The swing bearing has a larger-diameter ball. A reinforced under-cover protects the high-tensile-strength steel undercarriage and the superstructure. The boom and arm are robotically welded and engineered for extreme stress.

Volvo's fluid and air filtration systems remove even the smallest particles. Micro-particle filtration keeps the engine, hydraulics and electronic components free from contaminants, enhancing performance — and uptime.

Volvo is the world's largest manufacturer of heavy-duty diesel engines in the 9-18 L class. That experience shows in the D16 engine, a fuel-stingy power plant with the highest capacity of any engine in its class. The added engine capacity and harmonized hydraulics ensure the excavator doesn't hesitate or bog down when the digging gets tough. That means components wear longer.

Based on the L330 wheel loader engine and specifically designed for the demands of excavation, the D16 is field-proven in off- and on-highway applications. The Volvo nameplate on engine means performance, fuel economy, durability and long, reliable life.







## BUILT FOR WORK. FEELS LIKE HOME.

The cab is like an operator's second home, so it better be comfortable. Everything within easy reach. A great seat. Climate air. Well-placed controls. Expansive view. Quiet. Whatever it takes. To design the best cab, you go to the experts – the operators. So it's no coincidence the Volvo EC700B is so operator-friendly or that its cab, controls and features all say "comfort." Put a comfortable operator in command of a stout and powerful machine like the EC700B, and it's a whole new game.

#### Making work easier

Digging in hot, dusty, desert conditions? Working overtime shifts on a long-run trenching job? Loading artics in a quick-run circuit? Or excavating frost-locked clay in frigid temperatures? No problem. The EC700B cab makes you forget the conditions, so you can focus on the work.

The nine-way adjustable seat will put any size operator in the comfort zone. Ergonomic controls and levers put all machine functions within easy reach. Low-effort controls lessen fatigue and make excavator functions seem like an extension of the operator's hands. The instrument electronic-control unit (I-ECU) provides diagnostic information and the status of excavator functions from a convenient monitor.

With 13 directional vents (eight on the ceiling, one in the middle and four at the bottom), the high-capacity climate control system keeps the cab comfortable, no matter the weather. Fine-particle air filtration keeps dust out of the cab and away from the operator and electronic components.

#### Easy controls, great view

Smooth, harmonized hydraulics, an extraheavy counterweight and wide, long tracks, keep the excavator stable even in tough digging conditions. No rocking or pounding. Robust cab suspension mounts dampen vibration and suppress in-cab noise.

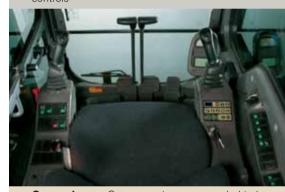
Whether loading articulated hauler on a wide-open job site or cutting in more crowded quarters, visibility from the cab is crucial to productivity and safety. Expansive glass and a thin front-window crossbar provide clear all-around view.

Wide access steps make cab entry and exit easier. The punched-plate, anti-slip walkway along the superstructure makes routine machine checks easier. And a ladder behind the cab gives quick access to the top of the excavator.

**Visibility:** Ample glass and thin pillars delivers commanding views



**Controls:** Smart layout of the low-effort, ergonomic controls



**Convenience:** Generous storage space behind the seat



**Access:** Wide steps and anti-slip side walkway ease cab entry and exit





## **KEEPING YOU PRIMED FOR WORK**

Keeping a 70-ton production excavator finely tuned and primed for work is crucial to success on the job site. Forget the little things that keep a machine healthy and you could have trouble when you can least afford it. Volvo built the EC700B for easy serviceability and maintenance. After all, the faster routine checks, filter changes and greasing get done, the faster the machine gets back where it belongs — working.

#### Quick, convenient access

If access points are hard to reach, service won't get done. The EC700's design makes getting to components safe and easy. Rugged steps on the track frame give firm footing for initial access to the machine. Wide, anti-slip gangways and sturdy hand rails run the length of the machine on both sides for safe entry and egress.

An access ladder behind the cab, and wide steps on the machine's right side, provide easy entry to the top of the superstructure. Punched-plate panels on top of the superstructure help ensure solid footing. A rugged step below the fuel port helps anchor the technician for refueling.

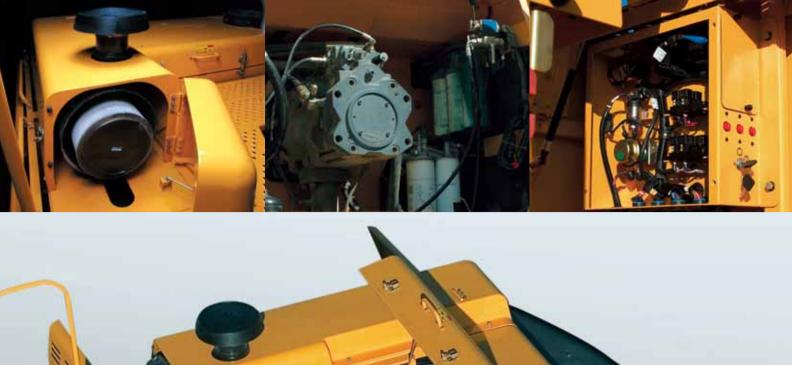
Filters and components are conveniently located. The EC700B's layout allows quick replacement of remote air, oil and fuel filters. There is ample space and access to major components such as the main pump or hydraulic cylinders.

#### Monitoring and diagnosis

The operator has constant information on critical machine functions from the I-ECU (instrument electronic control unit). This system allows for easier diagnosis of problems, quick fault notification and increased operator confidence. Excavator operations are optimized by electronic control systems, so available engine and hydraulic power is balanced to match the conditions. This ensures efficient operation and enhances uptime.

Computerized service tools such as VCADS, MATRIS and Service Contronic make problem diagnosis quick and accurate, helping get the excavator back on the job faster.







# **GETTING IT DONE - THE VOLVO WAY**

Sunset. The waning light pierces the last dust of the day as it settles back on the job site. The rumble goes quiet. The operator climbs down from his excavator and walks to his truck. A knowing glance back reveals the Volvo EC700B, now looming in the shadows. It has been a good day. The iron will rest reluctantly until tomorrow. Then it will be time to fire it up once more and rejoin the fight.

It's tough to describe the satisfaction that comes from moving the earth. Or that extra edge an excavator operator feels, knowing he's armed with the best construction machine to crawl the landscape. Understand that and you'll know a whole lot about the EC700B. You'll see beyond the muscle, the guts and the steel. Down deep, into what really sets a machine apart.

There's a name for that feeling, and it calls from the sides of every EC700B excavator: Volvo.

A contractor who runs Volvo walks the job site with extra purpose and grit. He doesn't cower at tough digging, nasty weather or tight deadlines. The work is built on his iron determination, and finished with his determined iron — from Volvo.

At the end of the day, his work crews know what really brings them home — on time, on budget, on demand. Hardworking excavators like the EC700B, wrought from nearly 175 years of heritage and the sheer will to win. It's about the machines — and more. It's about getting it done — the Volvo way.

Sunrise. Light again returns to the land. The only earth that moves is clouding under the operator's steel-toe boots as he strides to his EC700B. One boot on the track, a gloved hand on the cab. Up and in. Hands on the sticks. Back to work. It's game-on.

That's the feeling. That's why it's called a Volvo.





## SPECIFICATIONS

#### **Engine**

The next-generation Volvo diesel engine uses Volvo Advanced Combustion Technology (V-ACT) to deliver lower emissions and maintain superior performance and fuel efficiency. The Tier 3 compliant engine uses precise, highpressure fuel injectors, internal recirculation of engine exhaust and electronic engine controls to optimize machine performance.

Engine	VOLVO D1	6E EAE3
Power out at	30 r/s	1,800 rpm
Gross (SAE J1995)	346 kW	464 hp
Net (ISO 9249,		
SAE J1349)	316 kW	424 hp
Max. torque at 1,350 rpm	2,250 N.m	1,660 lb.ft
No. of cylinders	6	
Displacement	16.1 I	982 cu.in
Bore	144 mm	5.67"
Stroke	165 mm	6.50"

#### **Electrical system**

High-capacity electrical system that is well protected. Waterproof double-lock harness plugs are used to secure corrosion-free connections. The main relays and solenoid valves are shielded to prevent damage. The master switch is standard.

Contronics provides advanced monitoring of machine functions and important diagnostic information.

Voltage	24 V
Batteries	2 x 12 V
Battery capacity	225 Ah
Alternator	28 V / 80 A

#### Service refill capacities

Fuel tank	840 I	222 gal
Hydraulic system, tota	<b>l</b> 655 l	173 gal
Hydraulic tank	350 I	92 gal
Engine oil	42 I	11 gal
Engine coolant	65 I	17 gal
Swing reduction unit	2 x 6 l	2 x 1.6 gal
Travel reduction unit	2 x 12 l	2 x 3.2 gal

#### Swing system

The swing system uses 2 axial piston motors, driving 2 planetary gearboxes for maximum torque. An automatic holding brake and anti-rebound valves are standard.

Max.	swing	speed	6.7	rpm

#### **Drive**

Each track is powered by an automatic two-speed shift travel motor. The track

brakes are multi-disc, spring-applied and hydraulic released. The travel motor, brake and planetary gears are well protected within the track frame.

#### Max. drawbar pull

Gradeability	35°	70%
	1.9/2.9	mph
Max. travel speed	3.0/4.6	km/h
(tractive effort)	453 kN	101,830 lb

#### Undercarriage

The undercarriage has a robust X-shaped frame. Greased and sealed track chains are standard.

Track pads	2 x 48
Link pitch	260.4 mm <b>10.3"</b>
Shoe width,	650/750/900 mm
double grouser	26"/30"/36"
Bottom rollers	2 x 8
Top rollers	2 x 3

#### **Hydraulic system**

The hydraulic system, also known as the "Automatic Sensing Work Mode," is designed for high-productivity, highdigging capacity, high-maneuvering precision and excellent fuel economy. The summation system, boom, arm and swing priority along with boom and arm regeneration provides optimum performance.

The following important functions are included in the system:

Summation system: Combines the flow of both hydraulic pumps to ensure quick cycle times and high productivity.

Boom priority: Gives priority to the boom operation for faster raising when loading or performing deep excavations.

Arm priority: Gives priority to the arm operation for faster cycle times in leveling and for increased bucket filling when digging.

Swing priority: Gives priority to swing functions for faster simultaneous operations.

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.

Boom float: Gives better cycle times, fuel economy and less stress to the structure.

Holding valves: Boom and arm holding valves prevent the digging equipment from creeping.

#### Main pump:

Type: 2 x variable displacement axial piston pumps Maximum flow: 2 x 436 l/min 2 x 115 gpm

#### Pilot pump:

Type: Gear pump

Maximum flow: 27.4 I/min 7.2 gpm

#### Hydraulic motors:

Travel: Variable displacement axial piston motor with mechanical brake

Swing: Fixed displacement axial piston motor with mechanical brake

#### Relief valve setting:

Implement · · · · · · · ·	31.4/34.3 Mpa
	4,550/4,980 psi
Travel circuit · · · · · · ·	34.3 Mpa <b>4,980 psi</b>
Swing circuit · · · · · ·	25.5 Mpa <b>3,700 psi</b>
Pilot circuit	3.9 Mna 570 nsi

Pilot circuit · · · · · · 3.9 Mpa <b>570 psi</b>
Hydraulic cylinders:
Boom 2
Bore x Stroke · · · · · ø190 x 1,790 mm
ø7.5 x 70.5"
Arm 1
Bore x Stroke · · · · · ø215 x 2,070 mm
ø8.5 x 81.5"
Bucket · · · · · 1
Bore x Stroke · · · · · ø190 x 1,450 mm
ø7.5 x 57.1"

ME Bucket · · · · · 1 Bore x Stroke · · · · · ø200 x 1,450 mm ø7.9 x 57.1"

#### Cab

The operator's cab has easy access via a wide door opening. The cab is supported on hydraulic dampening mounts to reduce shock and vibration levels. These along with sound absorbing lining provide low noise levels. The cab has excellent all-round visibility. The front windshield can easily slide up into the ceiling, and the lower front glass can be removed and stored in the side door.

Integrated air-conditioning and heating system: The pressurized and filtered cab air is supplied by an automaticallycontrolled fan. The air is distributed throughout the cab from 13 vents. Ergonomic operator's seat: The adjustable seat and joystick console move independently to accommodate the operator. The seat has nine different adjustments plus a seat belt for the operator's comfort and safety.

#### Sound Lovel

Souria Level.	
Sound level in cab according	to ISO 6396
	·· LpA 74 dB(A)
External sound level according	ng to ISO 6395
and EU Directive 2000/14/	EC
	LwA 108 dB(A)

#### **Ground pressure**

6.6 m, <b>21' 8" boom,</b> 2.9 m, <b>9' 6" arm,</b> 3,730 kg, <b>8,220 lb bucket,</b> 11,300 kg, <b>24,920 lb counterweight</b>	Shoe width	Operating weight	Ground pressure	Overall undercarriage width
Double grouser	650 mm, <b>26"</b>	68,800 kg, <b>151,700 lb</b>	100.1 kPa, <b>14.5 psi</b>	4,095 mm, <b>13' 5"</b>
	750 mm, <b>30"</b>	69,500 kg, <b>153,250 lb</b>	87.6 kPa, <b>12.7 psi</b>	4,100 mm, <b>13' 6"</b>
	900 mm, <b>36"</b>	70,600 kg, <b>155,670 lb</b>	74.2 kPa, <b>10.8 psi</b>	4,250 mm, <b>13' 11"</b>

7.7 m, <b>25' 3" boom,</b> 3.55 m, <b>11' 8" arm,</b> 2,800 kg, <b>6,170 lb bucket,</b> 11,300 kg, <b>24,920 lb counterweight</b>	Shoe width	Operating weight	Ground pressure	Overall undercarriage width
Double grouser	650 mm, <b>26"</b>	68,300 kg, <b>150,600 lb</b>	99.3 kPa, <b>14.4 psi</b>	4,095 mm, <b>13' 5"</b>
	750 mm, <b>30"</b>	69,000 kg, <b>152,150 lb</b>	87.0 kPa, <b>12.6 psi</b>	4,100 mm, <b>13' 6"</b>
	900 mm, <b>36"</b>	70,000 kg, <b>154,350 lb</b>	73.5 kPa, <b>10.7 psi</b>	4,250 mm, <b>13' 11"</b>

### Max. permitted buckets

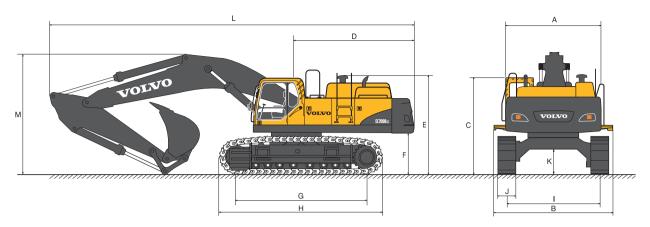
Max. permitted sizes for pin-on buckets

650 mm, <b>26</b>	650 mm, <b>26" shoe,</b>		6.6 m, <b>21' 8" Boom</b>	7.7 m, <b>25' 3" Boom</b>		
11,300 kg, 2	24,920 lb counterweig	ht	2.9 m, <b>9' 6" Arm</b>	2.9 m, <b>9' 6" Arm</b> 3.55 m, <b>11' 8" Arm</b> 4.2 m, <b>13' 9" A</b>		4.2 m, <b>13' 9" Arm</b>
LU bucket	1.2 t/m³, <b>2,020 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	6,600, <b>8.63</b> /4,250, <b>9,370</b>	5,300, <b>6.93</b> /3,400, <b>7,500</b>	4,925, <b>6.44</b> /3,200, <b>7,050</b>	4,450, <b>5.82</b> /2,850, <b>6,280</b>
LO bucket	1.5 t/m³, <b>2,530 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	5,675, <b>7.42</b> /3,650, <b>8,050</b>	4,550, <b>5.95</b> /2,950, <b>6,500</b>	4,225, <b>5.53</b> /2,700, <b>5,950</b>	3,825, <b>5.00</b> /2,450, <b>5,400</b>
	1.3 t/m³, <b>2,190 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	5,675, <b>7.42</b> /5,150, <b>11,350</b>	4,550, <b>5.95</b> /3,850, <b>8,490</b>	4,225, <b>5.53</b> /3,600, <b>7,940</b>	3,825, <b>5.00</b> /3,250, <b>7,160</b>
GP bucket	1.5 t/m³, <b>2,530 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	5,200, <b>6.80</b> /4,400, <b>9,700</b>	4,175, <b>5.46</b> /3,500, <b>7,720</b>	3,875, <b>5.07</b> /3,250, <b>7,160</b>	3,500, <b>4.58</b> /2,950, <b>6,500</b>
	1.8 t/m³, <b>3,030 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	4,600, <b>6.02</b> /3,900, <b>8,600</b>	3,700, <b>4.84</b> /3,100, <b>6,830</b>	3,425, <b>4.48</b> /2,900, <b>6,390</b>	3,100, <b>4.05</b> /2,600, <b>5,730</b>
HD bucket	1.8 t/m³, <b>3,030 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	4,350, <b>5.69</b> /4,350, <b>9,590</b>	3,500, <b>4.58</b> /3,500, <b>7,720</b>	3,250, <b>4.25</b> /3,250, <b>7,160</b>	2,925, <b>3.83</b> /2,900, <b>6,390</b>
no bucket	2.0 t/m³, <b>3,370 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	4,075, <b>5.33</b> /4,050, <b>8,930</b>	3,275, <b>4.28</b> /3,250, <b>7,160</b>	3,025, <b>3.96</b> /3,000, <b>6,610</b>	2,725, <b>3.56</b> /2,700, <b>5,950</b>
RL bucket	1.8 t/m³, <b>3,030 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	3,925, <b>5.13</b> /5,100, <b>11,240</b>	3,150, <b>4.12</b> /4,050, <b>8,930</b>	2,925, <b>3.83</b> /3,800, <b>8,380</b>	2,650, <b>3.47</b> /3,400, <b>7,500</b>
NL bucket	2.0 t/m³, <b>3,370 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	3,700, <b>4.84</b> /4,800, <b>10,580</b>	2,975, <b>3.89</b> /3,850, <b>8,490</b>	2,750, <b>3.60</b> /3,550, <b>7,830</b>	2,475, <b>3.24</b> /3,200, <b>7,050</b>
Max. permitte	ed bucket width	mm, <b>ft-in</b>	2,100, <b>6' 11"</b>	2,000, <b>6' 7"</b>	2,000, 6' 7"	2,000, 6' 7"

900 mm, <b>36</b>	" shoe,			7.7 m, <b>25' 3" Boom</b>		
11,300 kg,	24,920 lb counterweig	ht	2.9 m, <b>9' 6" Arm</b>	3.55 m, <b>11' 8" Arm</b>	4.2 m, <b>13' 9" Arm</b>	
LU bucket	1.2 t/m³, <b>2,020 lb/yd³</b>	I, <b>yd³</b> /kg, <b>lb</b>	5,875, <b>7.68</b> /3,050, <b>6,720</b>	5,450, <b>7.13</b> /2,950, <b>6,500</b>	4,900, <b>6.40</b> /2,600, <b>5,730</b>	
LO Bucket	1.5 t/m³, <b>2,530 lb/yd³</b> l, <b>yd³</b> /kg		5,050, <b>6.61</b> /2,550, <b>5,620</b>	4,675, <b>6.11</b> /2,450, <b>5,400</b>	4,225, <b>5.53</b> /2,150, <b>4,740</b>	
	1.3 t/m³, <b>2,190 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	5,050, <b>6.61</b> /3,550, <b>7,830</b>	4,675, <b>6.11</b> /3,400, <b>7,500</b>	4,225, <b>5.53</b> /3,000, <b>6,610</b>	
GP bucket	1.5 t/m³, <b>2,530 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	4,625, <b>6.05</b> /3,200, <b>7,050</b>	4,275, <b>5.59</b> /3,050, <b>6,720</b>	3,875, <b>5.07</b> /2,650, <b>5,840</b>	
	1.8 t/m³, <b>3,030 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	4,100, <b>5.36</b> /2,750, <b>6,060</b>	3,800, <b>4.97</b> /2,650, <b>5,840</b>	3,425, <b>4.48</b> /2,300, <b>5,070</b>	
HD bucket	1.8 t/m³, <b>3,030 lb/yd³</b>	l, <b>yd³</b> /kg, <b>lb</b>	3,875, <b>5.07</b> /3,150, <b>6,940</b>	3,600, <b>4.71</b> /3,000, <b>6,610</b>	3,250, <b>4.25</b> /2,600, <b>5,730</b>	
TID bucket	2.0 t/m³, <b>3,370 lb/yd³</b>	l, <b>yd</b> ³/kg, <b>lb</b>	3,625, <b>4.74</b> /2,850, <b>6,280</b>	3,350, <b>4.38</b> /2,750, <b>6,060</b>	3,025, <b>3.96</b> /2,400, <b>5,290</b>	
RL bucket	1.8 t/m³, <b>3,030 lb/yd³</b>	I, <b>yd³</b> /kg, <b>lb</b>	3,500, <b>4.58</b> /3,800, <b>8,380</b>	3,250, <b>4.25</b> /3,600, <b>7,940</b>	2,925, <b>3.83</b> /3,200, <b>7,050</b>	
TL Bucket	2.0 t/m³, <b>3,370 lb/yd³</b>	I, <b>yd³</b> /kg, <b>lb</b>	3,275, <b>4.28</b> /3,550, <b>7,830</b>	3,050, <b>3.99</b> /3,350, <b>7,390</b>	2,750, <b>3.60</b> /2,950, <b>6,500</b>	
Max. permitte	ed bucket width	mm, <b>ft-in</b>	2,000, <b>6' 7"</b>	2,000, <b>6' 7"</b>	2,000, <b>6' 7"</b>	

Note: 1. Bucket size based on ISO 7451, heaped material with a 1:1 angle of repose.
2. "Max. permitted sizes" are for reference only and are not necessarily available from the factory.
3. LU: Light Utility
4. GP: General Purpose, Excavation, Trenching
5. HD: Heavy Duty, Heavy Excavation, Heavy Trenching
6. RL: Rock Loading

#### **Dimensions**



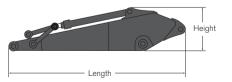
900 mm, <b>36" shoe,</b>		6.6 m, <b>21' 8" Boom</b>		7.7 m, <b>25' 3" Boom</b>	
11,300 kg, <b>24,920 lb counterweight</b>		2.9 m, <b>9' 6" Arm</b>	2.9 m, <b>9' 6" Arm</b>	3.55 m, <b>11' 8" Arm</b>	4.2 m, <b>13' 9" Arm</b>
A. Overall width of superstructure	mm, <b>ft-in</b>	3,420, <b>11' 3"</b>	3,420, <b>11' 3"</b>	3,420, <b>11' 3"</b>	3,420, <b>11' 3"</b>
B. Overall width	mm, <b>ft-in</b>	4,286, <b>14' 1"</b>	4,286, <b>14' 1"</b>	4,286, <b>14' 1"</b>	4,286, <b>14' 1"</b>
C. Overall height of cab	mm, <b>ft-in</b>	3,510, <b>11' 6"</b>	3,510, <b>11' 6"</b>	3,510, <b>11' 6"</b>	3,510, <b>11' 6"</b>
D. Tail swing radius	mm, <b>ft-in</b>	4,090, <b>13' 5"</b>	4,090, <b>13' 5"</b>	4,090, <b>13' 5"</b>	4,090, <b>13' 5"</b>
E. Overall height of precleaner	mm, <b>ft-in</b>	3,590, <b>11' 10"</b>	3,590, <b>11' 10"</b>	3,590, <b>11' 10"</b>	3,590, <b>11' 10"</b>
F. Counterweight clearance *	mm, <b>ft-in</b>	1,507, <b>4' 11"</b>	1,507, <b>4' 11"</b>	1,507, <b>4' 11"</b>	1,507, <b>4' 11"</b>
G. Tumbler length	mm, <b>ft-in</b>	4,750, <b>15' 7"</b>	4,750, <b>15' 7"</b>	4,750, <b>15' 7"</b>	4,750, <b>15' 7"</b>
H. Track length	mm, <b>ft-in</b>	5,990, <b>19' 8"</b>	5,990, <b>19' 8"</b>	5,990, <b>19' 8"</b>	5,990, <b>19' 8"</b>
I. Track gauge (extended)	mm, <b>ft-in</b>	3,350, <b>11' 0"</b>	3,350, <b>11' 0"</b>	3,350, <b>11' 0"</b>	3,350, <b>11' 0"</b>
Track gauge (retracted)	mm, <b>ft-in</b>	2,750, <b>9' 0"</b>	2,750, <b>9' 0"</b>	2,750, <b>9' 0"</b>	2,750, <b>9' 0"</b>
J. Shoe width	mm, <b>in</b>	900, <b>36"</b>	900, <b>36"</b>	900, <b>36"</b>	900, <b>36"</b>
K. Min. ground clearance *	mm, <b>ft-in</b>	858, <b>2' 10"</b>	858, <b>2' 10"</b>	858, <b>2' 10"</b>	858, <b>2' 10"</b>
L. Overall length	mm, <b>ft-in</b>	12,200, <b>40' 0"</b>	13,320, <b>43' 8"</b>	13,220, <b>43' 5"</b>	13,170, <b>43' 2"</b>
M. Overall height of boom	mm, <b>ft-in</b>	4,855, <b>15' 11"</b>	4,660, <b>15' 0"</b>	4,600, <b>15' 1"</b>	4,950, <b>16' 2"</b>

<sup>\*</sup>With shoe grouser



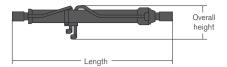
Boom	6.6 m, <b>21' 8"</b>	7.7 m, <b>25' 3"</b>
Length	6,890 mm, <b>22' 7"</b>	8,020 mm, <b>26' 4"</b>
Height	2,530 mm, <b>8' 4"</b>	1,970 mm, <b>6' 6"</b>
Width	1,110 mm, <b>3' 7"</b>	1,110 mm, <b>3' 7"</b>
Weight	6,550 kg, <b>14,440 lb</b>	6,900 kg, <b>15,210 lb</b>

<sup>\*</sup> Includes cylinder, pin and piping

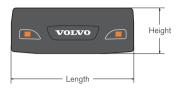


Arm	2.9 m, <b>9' 6"</b>	3.55 m, <b>11' 8"</b>	4.2 m, <b>13' 9"</b>
Length	4,260 mm, <b>14' 0"</b>	4,940 mm, <b>16' 2"</b>	5,590 mm, <b>18' 4"</b>
Height	1,530 mm, <b>5' 0"</b>	1,390 mm, <b>4' 11"</b>	1,390 mm, <b>4' 11"</b>
Width	740 mm, <b>2' 5"</b>	740 mm, <b>2' 5"</b>	740 mm, <b>2' 5"</b>
Weight	3,510 kg, <b>7,740 lb</b>	3,670 kg, <b>8,090 lb</b>	3,900 kg, <b>8,600 lb</b>

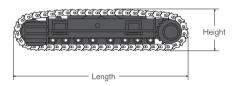
<sup>\*</sup> Includes cylinder, piping and linkage



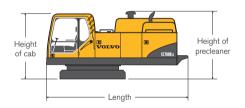
Length	Overall height	Width	Weight
2,765 mm	560 mm	370 mm	540 kg x 2 set = 1,080 kg
<b>9' 1"</b>	1' 10"	<b>1' 3"</b>	1,190 lb x 2 set = 2,380 lb



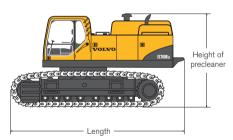
Length	Height	Width	Weight
3,420 mm	1,280 mm	800 mm	11,400 kg
<b>11' 3"</b>	<b>4' 2"</b>	<b>2' 8"</b>	<b>25,130 lb</b>



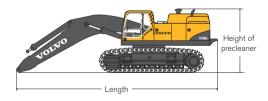
Shoe width	Length	Height	Overall width	Weight/ unit
650 mm	5,990 mm	1,375 mm	700 mm	10,400 kg
<b>26"</b>	<b>19' 8"</b>	<b>4' 6"</b>	<b>2' 4"</b>	<b>22,930 lb</b>
750 mm	5,990 mm	1,375 mm	750 mm	10,750 kg
<b>30"</b>	<b>19' 8"</b>	<b>4' 6"</b>	<b>2' 6"</b>	<b>23,700 lb</b>
900 mm	5,990 mm	1,375 mm	900 mm	11,250 kg
<b>36"</b>	<b>19' 8"</b>	<b>4' 6"</b>	<b>2' 11"</b>	<b>24,800 lb</b>



Length	Height of cab	Height of precleaner	Width	Weight
5,500 mm	2,655 mm	2,735 mm	3,430 mm	21,700 kg
18' 1"	8' 9"	9' 0"	11' 3"	47,840 lb

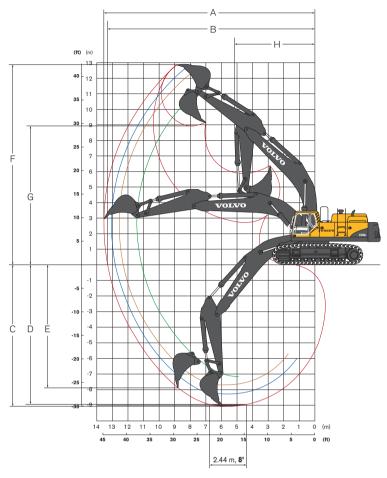


Shoe width	Length	Height of precleaner	Overall width (retracted)	Weight
650 mm	6,730 mm	3,590 mm	3,495 mm	44,000 kg
<b>26"</b>	<b>22' 1"</b>	11' 9"	<b>11' 6"</b>	<b>97,000 lb</b>
750 mm	6,730 mm	3,590 mm	3,595 mm	44,700 kg
<b>30"</b>	<b>22' 1"</b>	<b>11' 9"</b>	<b>11' 10"</b>	<b>98,550 lb</b>
900 mm	6,730 mm	3,590 mm	3,745 mm	45,700 kg
<b>36"</b>	<b>22' 1"</b>	<b>11' 9"</b>	<b>12' 3"</b>	<b>100,750 lb</b>



Boom	Shoe width	Length	Height of precleaner	Overall width (retracted)	Weight
	650 mm	10,140 mm	3,590 mm	3,495 mm	50,550 kg
	<b>26"</b>	<b>33' 3"</b>	11' 9"	<b>11' 6"</b>	<b>111,440 lb</b>
6.6 m	750 mm	10,140 mm	3,590 mm	3,595 mm	51,250 kg
<b>21' 8"</b>	<b>30"</b>	<b>33' 3"</b>	<b>11' 9"</b>	<b>11' 10"</b>	<b>112,990 lb</b>
	900 mm	10,140 mm	3,590 mm	3,745 mm	52,250 kg
	<b>36"</b>	<b>33' 3"</b>	<b>11' 9"</b>	<b>12' 3"</b>	<b>115,190 lb</b>
	650 mm	11,280 mm	3,590 mm	3,495 mm	50,900 kg
	<b>26"</b>	<b>37' 0"</b>	<b>11' 9"</b>	<b>11' 6"</b>	<b>112,210 lb</b>
7.7 m	750 mm	11,280 mm	3,590 mm	3,595 mm	51,600 kg
<b>25' 3"</b>	<b>30"</b>	<b>37' 0"</b>	<b>11' 9"</b>	<b>11' 10"</b>	<b>113,760 lb</b>
	900 mm	11,280 mm	3,590 mm	3,745 mm	52,600 kg
	<b>36"</b>	<b>37' 0"</b>	<b>11' 9"</b>	<b>12' 3"</b>	<b>115,960 lb</b>

## Working ranges & digging forces



Machine with pin-on bucket		6.6 m, <b>21' 8" Boom</b>		7.7 m, <b>25' 3" Boom</b>	
		2.9 m, <b>9' 6" Arm</b>	2.9 m, <b>9' 6" Arm</b>	3.55 m, <b>11' 8" Arm</b>	4.2 m, <b>13' 9" Arm</b>
A. Max. digging reach	mm, <b>ft-in</b>	11,500, <b>37' 9"</b>	12,600, <b>41' 3"</b>	13,170, <b>43' 3"</b>	13,780, <b>45' 2"</b>
B. Max. digging reach on ground	mm, <b>ft-in</b>	11,200, <b>36' 9"</b>	12,335, <b>40' 6"</b>	12,910, <b>42' 4"</b>	13,540, <b>44' 5"</b>
C. Max. digging depth	mm, <b>ft-in</b>	7,250, <b>23' 9"</b>	7,755, <b>25' 4"</b>	8,400, <b>27' 7"</b>	9,055, <b>29' 8"</b>
D. Max. digging depth (8' level)	mm, <b>ft-in</b>	7,100, <b>23' 4"</b>	7,605, <b>25' 0"</b>	8,270, <b>27' 2"</b>	8,935, <b>29' 4"</b>
E. Max. vertical wall digging depth	mm, <b>ft-in</b>	5,065, <b>16' 7"</b>	6,780, <b>22' 2"</b>	7,250, <b>23' 9"</b>	7,855, <b>28' 3"</b>
F. Max. cutting height	mm, <b>ft-in</b>	10,980, <b>36' 0"</b>	12,490, <b>41' 0"</b>	12,620, <b>41' 5"</b>	12,940, <b>42' 6"</b>
G. Max. dumping height	mm, <b>ft-in</b>	6,960, <b>22' 9"</b>	8,410, <b>27' 7"</b>	8,610, <b>28' 2"</b>	8,930, <b>29' 4"</b>
H. Min. front swing radius	mm, <b>ft-in</b>	5,160, <b>16' 11"</b>	5,480, <b>18' 0"</b>	5,410, <b>17' 10"</b>	5,160, <b>16' 11"</b>

Digging forces with pin-on bucket			6.6 m, <b>21' 8" Boom</b>		7.7 m, <b>25' 3" Boom</b>	
2.555 10.000 11 p 01. 240000		2.9 m, <b>9' 6" Arm</b>	2.9 m, <b>9' 6" Arm</b>	3.55 m, <b>11' 8" Arm</b>	4.2 m, <b>13' 9" Arm</b>	
Bucket radius		mm, <b>ft-in</b>	2,215, <b>7' 3"</b>	2,150, <b>7' 1"</b>	2,150, <b>7' 1"</b>	2,150, <b>7' 1"</b>
Breakout force – bucket (Normal / Power boost)	ISO	kN <b>Ib</b>	342/374 <b>76,880/84,075</b>	326/356 <b>73,285/80,030</b>	326/356 <b>73,285/80,030</b>	326/356 <b>73,285/80,030</b>
Tearout force – arm (Normal / Power boost)	ISO	kN <b>Ib</b>	298/326 <b>66,990/73,285</b>	303/332 <b>68,115/74,630</b>	265/290 <b>59,570/65,190</b>	236/258 <b>53,050/58,000</b>
Rotation angle, bucket		deg	172°	173°	173°	173°

**Lifting capacity**At the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the pin-on bucket or the bucket with quick coupler from the following values.

Across under-	Lifting hook		4.5 n	ı, 15'			6.0 m, <b>20'</b>			7.5 m, <b>25'</b>				9.0 m, <b>30'</b>				10.5 m, <b>35'</b>				Max. reach				
carriage  Along under-	related to ground	Ŀ		<b>-</b>		Ů		<b>-</b>		ď		Ċ	10	Ė		C	<b>-</b>		Ļ	<b>G</b>		Ů		<b>—</b>		Max.
under- carriage	level	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	m / ft
Boom 6.6 m, 21' 8" + Arm 2.9 m, 9' 6" + Shoe 650 mm, 26" + Counterweight 11,300 kg, 24,920 lb	7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15'	*30.4 *19.1 *33.1 *34.7 *31.8 *26.7	*65,380 *75,060 *77,820 *75,360 *68,980 *57,540	*30.4 *19.1 *33.1 *34.7 *31.8 *26.7	*65,380 *75,060 76,600 *75,360 *68,980 *57,540	*20.1 *22.6 *25.0 *26.3 *26.3 *24.6 *20.8	*43,430 *48,990 *54,070 *56,990 *56,900 *53,280 *44,390	*22.6 23.7 22.8 22.4 22.4	*43,430 *48,990 50,970 49,070 48,150 48,130 *44,390	*16.0 *17.3 *18.8 *20.0 *20.8 *20.7 *19.2	*34,920 *37,620 *40,810 *43,490 *45,100 *44,810 *41,240	*17.3 17.7 17.0	*37,620 38,160 36,670 35,560 34,960	*12.7 *15.7 *16.4 *17.0 *17.2	*24,300 *34,210 *35,700 *37,000 *37,350	13.9 13.5 13.1	29,950 29,030 28,160					*10.5 *10.5 *10.8 *11.3 *12.3 *13.9 *16.6 *17.0	*23,110 *23,680 *24,980 *27,150 *30,730 *36,680 *37,500	*10.5 *10.8 *11.3 11.6 11.8 12.7 14.7	*24,980 25,490 26,120 28,130 32,490	8.5 / 27.72 9.2 / 30.17 9.7 / 31.65 9.8 / 32.29 9.8 / 32.15 9.5 / 31.20 9.0 / 29.38 8.1 / 26.50 6.8 / 22.15
Boom 6.6 m, 21' 8" + Arm 2.9 m, 9' 6" + Shoe 750 mm, 30" + Counterweight 11,300 kg, 24,920 lb	7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' -1.5 m -5' -3.0 m -10' -4.5 m -15'	*30.4 *19.1 *33.1 *34.7 *31.8 *26.7	*65,380 *75,060 *77,820 *75,360 *68,980 *57,540	*30.4 *19.1 *33.1 *34.7 *31.8 *26.7	*65,380 *75,060 77,360 *75,360 *68,980 *57,540	*20.1 *22.6 *25.0 *26.3 *26.3 *24.6 *20.8	*43,430 *48,990 *54,070 *56,990 *56,900 *53,280 *44,390	*22.6 23.9 23.0 22.6 22.6	*43,430 *48,990 51,460 49,550 48,640 48,620 *44,390	*16.0 *17.3 *18.8 *20.0 *20.8 *20.7 *19.2	*34,920 *37,620 *40,810 *43,490 *45,100 *44,810 *41,240	*17.3 17.9 17.2	*37,620 38,520	*12.7 *15.7 *16.4 *17.0 *17.2	*24,300 *34,210 *35,700 *37,000 *37,350	14.0 13.6 13.2	30,230 29,310 28,440					*10.5 *10.5 *10.8 *11.3 *12.3 *13.9 *16.6 *17.0	*23,110 *23,680 *24,980 *27,150 *30,730 *36,680 *37,500	*10.5 *10.8 *11.3 11.7 12.0 12.9 14.8	*23,680 *24,980 25,750	8.5 / 27.72 9.2 / 30.17 9.7 / 31.65 9.8 / 32.29 9.8 / 32.15 9.5 / 31.20 9.0 / 29.38 8.1 / 26.50 6.8 / 22.15
Boom 6.6 m, 21' 8" + Arm 2.9 m, 9' 6" + Shoe 900 mm, 36" + Counterweight 11,300 kg, 24,920 lb	7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15'	*30.4 *19.1 *33.1 *34.7 *31.8 *26.7	*65,380 *75,060 *77,820 *75,360 *68,980 *57,540	*30.4 *19.1 *33.1 *34.7 *31.8 *26.7	*65,380 *75,060 *77,820 *75,360 *68,980 *57,540	*20.1 *22.6 *25.0 *26.3 *26.3 *24.6 *20.8	*43,430 *48,990 *54,070 *56,990 *56,900 *53,280 *44,390	*22.6 24.2 23.3 22.9 22.9	*43,430 *48,990 52,160 50,250 49,340 49,320 *44,390	*16.0 *17.3 *18.8 *20.0 *20.8 *20.7 *19.2	*34,920 *37,620 *40,810 *43,490 *45,100 *44,810 *41,240	*17.3 18.1 17.4	*37,620 39,040 37,550 36,430 35,840	*12.7 *15.7 *16.4 *17.0 *17.2	*24,300 *34,210 *35,700 *37,000 *37,350	14.2 13.8 13.4	30,640					*10.5 *10.8 *11.3 *12.3 *13.9 *16.6 *17.0	*23,110 *23,680 *24,980 *27,150 *30,730 *36,680 *37,500	*10.5 *10.8 *11.3 11.9 12.1 13.1 15.0		8.5 / 27.72 9.2 / 30.17 9.7 / 31.65 9.8 / 32.29 9.8 / 32.15 9.5 / 31.20 9.0 / 29.38 8.1 / 26.50 6.8 / 22.15
Boom 7.7 m, 25' 3" + Arm 2.9 m, 9' 6" + Shoe 650 mm, 26" + Counterweight 11,300 kg, 24,920 lb	9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*19.7 *15.3 *15.2 *27.5 *23.5 *17.3	*33,540 *59,930 *50,920			*20.9 *23.4 *25.1 *25.5 *24.7 *22.9 *19.8 *14.6	*45,100 *50,430 *54,220 *55,200 *53,560 *49,580 *42,690 *30,630	23.2 22.0 21.3 21.1 21.2 *19.8	*45,100 50,160 47,410 45,940 45,480 45,700 *42,690 *30,630	*14.8 *16.0 *17.3 *18.6 *19.6 *20.1 *19.8 *18.6 *15.9	*32,670 *34,800 *37,530 *40,230 *42,470 *43,500 *42,850 *40,090 *34,050		*34,800 *37,530 36,200 34,620 33,520 32,990 33,030	*13.9 *14.4 *15.1 *15.8 *16.3 *16.5 *16.2 *14.8	*30,570 *31,370 *32,800 *34,340 *35,440 *35,830 *34,930 *31,620	13.8 13.3 12.8 12.4 12.1 11.9	29,790 28,720 27,590 26,690 26,020 25,710	*13.6 *13.9 *14.1 *13.9	*27,650 *30,260 *30,520 *30,090	10.5 10.2 9.9 9.8	22,520 21,940 21,420 21,100	*11.8 *11.5 *11.5 *11.8 *12.4 *13.3 *13.7 *13.7 *13.7 *13.7	*25,290 *25,300 *25,930 *27,220	*11.5 11.0 10.1 9.6 9.5 9.7 10.2 11.4 *13.7	*26,020 *25,290 24,300 22,300 21,220 20,880 21,280 22,590 25,270 *30,120	8.8 / 28.53 9.7 / 31.72 10.4 / 33.88 10.7 / 35.20 10.9 / 35.78 10.9 / 35.65 10.6 / 34.80 10.1 / 33.18 9.4 / 30.66 8.3 / 26.99 6.7 / 21.60
Boom 7.7 m, 25' 3" + Arm 2.9 m, 9' 6" + Shoe 750 mm, 30" + Counterweight 11,300 kg, 24,920 lb	9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*15.3 *15.2	*59,930 *50,920	*15.3 *15.2 *27.5 *23.5	*33,630 *33,540	*20.9 *23.4 *25.1 *25.5 *24.7 *22.9 *19.8 *14.6	*50,430 *54,220 *55,200 *53,560 *49,580 *42,690	*23.4 22.2 21.6 21.4 21.5 *19.8	*45,100 *50,430 47,900 46,430 45,970 46,190 *42,690 *30,630	*14.8 *16.0 *17.3 *18.6 *19.6 *20.1 *19.8 *18.6 *15.9	*32,670 *34,800 *37,530 *40,230 *42,470 *43,500 *42,850 *40,090 *34,050	*16.0 *17.3 17.0 16.2 15.7 15.5 15.5	*37,530 36,560 34,980 33,880 33,350	*13.9 *14.4 *15.1 *15.8 *16.3 *16.5 *16.2 *14.8	*30,570 *31,370 *32,800 *34,340 *35,440 *35,830 *34,930 *31,620	14.0 13.5 12.9 12.5 12.2 12.0	30,080 29,010 27,870 26,970 26,310 26,000	*13.9 *14.1	*27,650 *30,260 *30,520 *30,090	10.6 10.3 10.0 9.9	22,180 21,660	*12.4 *13.3	*25,290 *25,300 *25,930 *27,220 *29,270 *30,170 *30,300 *30,270 *30,120	*11.5 11.1 10.2 9.7 9.6 9.8 10.4 11.5 *13.7	21,450 21,110 21,520 22,850	8.8 / 28.53 9.7 / 31.72 10.4 / 33.88 10.7 / 35.20 10.9 / 35.78 10.9 / 35.65 10.6 / 34.80 10.1 / 33.18 9.4 / 30.66 8.3 / 26.99 6.7 / 21.60
Boom 7.7 m, 25' 3" + Arm 2.9 m, 9' 6" + Shoe 900 mm, 36" + Counterweight 11,300 kg, 24,920 lb	9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*15.3 *15.2 *27.5 *23.5 *17.3	*59,930 *50,920 *36,840	*15.3 *15.2 *27.5 *23.5 *17.3	*33,630 *33,540 *59,930 *50,920 *36,840	*23.4 *25.1 *25.5 *24.7 *22.9 *19.8 *14.6	*30,630	*23.4 22.5 21.9 21.7 21.8 *19.8 *14.6	*50,430 48,590 47,130 46,670 46,890 *42,690 *30,630	*14.8 *16.0 *17.3 *18.6 *19.6 *20.1 *19.8 *18.6 *15.9	*34,800 *37,530 *40,230 *42,470 *43,500 *42,850 *40,090 *34,050	*16.0 *17.3 17.2 16.5 16.0 15.7 15.7	*34,800 *37,530 37,080 35,500 34,390 33,870 33,900	*13.9 *14.4 *15.1 *15.8 *16.3 *16.5 *16.2 *14.8	*35,440 *35,830 *34,930	14.2 13.6 13.1 12.7 12.4 12.2	30,490 29,420 28,280 27,380 26,710 26,410	*13.6 *13.9 *14.1 *13.9	*30,260 *30,520	10.7 10.5 10.2 10.0	22,000	*12.4 *13.3	*25,290 *25,300 *25,930 *27,220 *29,270 *30,170 *30,300 *30,270 *30,120	*11.5 11.2 10.3 9.9 9.7 9.9 10.5 11.7 *13.7	21,780 21,440 21,860 23,210 25,940	8.8 / 28.53 9.7 / 31.72 10.4 / 33.88 10.7 / 35.20 10.9 / 35.65 10.6 / 34.80 10.1 / 33.18 9.4 / 30.66 8.3 / 26.99 6.7 / 21.60

- Notes:

  1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities.
  2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards.
  3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.
  4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.

  - 5. Contains metric and U.S. measurement charts.

#### Lifting capacity

At the arm end without bucket.

For lifting capacity including bucket, simply subtract actual weight of the pin-on bucket or the bucket with quick coupler from the following values.

Across under-	Lifting hook	4.5 m, <b>15'</b>					6.0 m	, <b>20</b>	'	7.5 m, <b>25'</b>				9.0 m, <b>30'</b>				10.5 m, <b>35'</b>				Max. reach				
carriage  Along under-	related to ground	Ė		<b>G</b>		Ů				Ġ		C	-	[	j	C	-	-	4	<b>□</b>		Ġ		<b>—</b>		Max.
carriage	level	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	t	lb	m / ft
Boom 7.7 m, 25' 3" + Arm 3.55 m, 11' 8" + Shoe 650 mm, 26" + Counterweight 11,300 kg, 24,920 lb	9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*21.0 *14.9 *13.8 *13.7 *20.1 *30.1 *26.4 *20.9	*48,570 *33,340 *30,510 *30,240 *46,690 *65,370 *57,150 *44,850	*21.0 *14.9 *13.8 *13.7 *20.1 *30.1 *26.4 *20.9	*48,570 *33,340 *30,510 *30,240 *46,690 *65,370 *57,150 *44,850	*19.6 *22.3 *24.4 *25.4 *25.2 *23.9 *21.4 *17.3	*42,440 *48,160 *52,840 *55,090 *54,690 *51,830 *46,290 *36,760	*19.6 *22.3 22.5 21.6 21.2 21.2 21.4 *17.3	*42,440 *48,160 48,490 46,530 45,650 45,560 46,100 *36,760	*15.1 *16.5 *17.9 *19.2 *19.9 *20.0 *19.2 *17.3 *13.3	*32,870 *35,760 *38,790 *41,510 *43,180 *43,310 *41,510 *37,120 *29,370	*15.1 *16.5 17.1 16.3 15.7 15.4 15.3 15.4 *13.3	*32,870 *35,760 36,920 35,180 33,870 33,110 32,900 33.270 *29,370	*11.9 *13.1 *13.7 *14.5 *15.3 *16.0 *16.4 *16.4 *15.6	*23,820 *28,750 *29,840 *31,520 *33,270 *34,740 *35,630 *35,440 *33,520	*11.9 *13.7 13.5 13.0 12.5 12.1 11.9 11.9	*28,750 *29,840 29,130 27,980 26,990 26,180 25,690	*12.3 *13.1 *13.5 *13.9 *13.9 *13.5	*24,280 *28,620 *29,480 *30,130 30,160 *29,140	10.9 10.6 10.3 10.0 9.7 9.7	23,370 22,800 22,110 21,480 21,020 20,830	*9.7 *9.5 *9.8 *10.3 *11.0 *12.1 *13.2 *13.3 *13.5 *13.3	*21,490 *20,980 *21,030 *21,540 *22,560 *24,200 *26,700 *29,000 *29,410 *29,830 *29,250	*9.5 *9.5 9.4 9.0 8.9 9.0 9.5 10.4 12.2	*21,490 *20,980 *21,030 20,890 19,900 19,560 19,850 20,900 23,040 27,100 *29,250	9.4 / 30.58 10.3 / 33.58 10.9 / 35.62 11.3 / 36.88 11.4 / 37.44 11.4 / 37.31 11.1 / 36.50 10.7 / 34.95 10.0 / 32.58 8.9 / 29.15 7.5 / 24.25
Boom 7.7 m, 25' 3" + Arm 3.55 m, 11' 8" + Shoe 750 mm, 30" + Counterweight 11,300 kg, 24,920 lb	9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*21.0 *14.9 *13.8 *13.7 *20.1 *30.1 *26.4 *20.9	*48,570 *33,340 *30,510 *30,240 *46,690 *65,370 *57,150 *44,850	*21.0 *14.9 *13.8 *13.7 *20.1 *30.1 *26.4 *20.9	*48,570 *33,340 *30,510 *30,240 *46,690 *65,370 *57,150 *44,850	*19.6 *22.3 *24.4 *25.4 *25.2 *23.9 *21.4 *17.3	*42,440 *48,160 *52,840 *55,090 *54,690 *51,830 *46,290 *36,760	*19.6 *22.3 22.7 21.8 21.4 21.4 *21.4 *17.3	*42,440 *48,160 48,980 47,020 46,140 46,040 *46,290 *36,760	*15.1 *16.5 *17.9 *19.2 *19.9 *20.0 *19.2 *17.3 *13.3	*32,870 *35,760 *38,790 *41,510 *43,180 *43,310 *41,510 *37,120 *29,370	*15.1 *16.5 17.3 16.5 15.9 15.4 15.6 *13.3	*32,870 *35,760 37,280 35,540 34,230 33,470 33,260 33,630 *29,370	*11.9 *13.1 *13.7 *14.5 *15.3 *16.0 *16.4 *16.4 *15.6	*23,820 *28,750 *29,840 *31,520 *33,270 *34,740 *35,630 *35,440 *33,520	*13.1	25,970	*12.3 *13.1 *13.5 *13.9 *13.9 *13.5	*24,280 *28,620 *29,480 *30,130 *30,170 *29,150	11.0 10.7 10.4 10.1 9.9 9.8	23,600 23,030 22,350 21,710 21,250 21,060	*9.7 *9.5 *9.5 *10.3 *11.0 *12.1 *13.2 *13.3 *13.5 *13.3	*21,490 *20,980 *21,030 *21,540 *22,560 *24,200 *26,700 *29,000 *29,410 *29,830 *29,250	*9.5 *9.5 9.1 9.0 9.1 9.6 10.5 12.3	*21,490 *20,980 *21,030 21,110 20,120 19,780 20,080 21,140 23,290 27,390 *29,250	9.4 / 30.58 10.3 / 33.58 10.9 / 35.62 11.3 / 36.88 11.4 / 37.44 11.4 / 37.31 11.1 / 36.50 10.7 / 34.95 10.0 / 32.58 8.9 / 29.15 7.5 / 24.25
Boom 7.7 m, 25' 3" + Arm 3.55 m, 11' 8" + Shoe 900 mm, 36" + Counterweight 11,300 kg, 24,920 lb	9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*21.0 *14.9 *13.8 *13.7 *20.1 *30.1 *26.4 *20.9	*48,570 *33,340 *30,510 *30,240 *46,690 *65,370 *57,150 *44,850	*21.0 *14.9 *13.8 *13.7 *20.1 *30.1 *26.4 *20.9	*48,570 *33,340 *30,510 *30,240 *46,690 *65,370 *57,150 *44,850	*19.6 *22.3 *24.4 *25.4 *25.2 *23.9 *21.4 *17.3	*42,440 *48,160 *52,840 *55,090 *54,690 *51,830 *46,290 *36,760	*19.6 *22.3 23.0 22.2 21.8 21.7 *21.4 *17.3	*42,440 *48,160 49,680 47,720 46,840 46,740 *46,290 *36,760	*15.1 *16.5 *17.9 *19.2 *19.9 *20.0 *19.2 *17.3 *13.3	*32,870 *35,760 *38,790 *41,510 *43,310 *41,510 *37,120 *29,370	*15.1 *16.5 17.5 16.7 16.1 15.8 15.7 15.8 *13.3	*32,870 *35,760 37,790 36,060 34,750 33,990 33,780 34,140 *29,370	*11.9 *13.1 *13.7 *14.5 *15.3 *16.0 *16.4 *16.4 *15.6	*23,820 *28,750 *29,840 *31,520 *33,270 *34,740 *35,630 *35,440 *33,520	*11.9 *13.1 *13.7 13.8 13.3 12.8 12.5 12.2 12.2	*28,750 *29,840 29,830 28,680 27,680 26,870 26,380	*12.3 *13.1 *13.5 *13.9 *13.9	*24,280 *28,620 *29,480 *30,130 *30,170 *29,150	11.1 10.9 10.5 10.2 10.0 9.9	23,940 23,370 22,690 22,050 21,590 21,400	*9.7 *9.5 *9.8 *10.3 *11.0 *12.1 *13.2 *13.3 *13.5 *13.3	*21,490 *20,980 *21,030 *21,540 *22,560 *24,200 *26,700 *29,410 *29,830 *29,250	*9.5 *9.5 9.7 9.3 9.1 9.3 9.7 10.7 12.5	*21,490 *20,980 *21,030 21,420 20,430 20,090 20,400 21,480 23,660 27,810 *29,250	9.4 / 30.58 10.3 / 33.58 10.9 / 35.62 11.3 / 36.88 11.4 / 37.44 11.4 / 37.31 11.1 / 36.50 10.6 / 34.95 10.0 / 32.58 8.9 / 29.15 7.5 / 24.25
Boom 7.7 m, 25' 3" + Arm 4.2 m, 13' 9" + Shoe 650 mm, 26" + Counterweight 11,300 kg, 24,920 lb	10.5 m 35' 9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*16.6 *14.3 *13.9 *21.0 *28.9 *28.3 *23.6	*37,540 *31,910 *30,710 *48,610 *66,340 *61,310 *50,720	*16.6 *14.3 *13.9 *21.0 *28.9 *28.3 *23.6	*37,540 *31,910 *31,710 *48,610 *66,340 *61,310 *50,720	*20.8 *23.2 *24.7 *25.0 *24.3 *22.3 *19.0	*44,850 *50,190 *53,490 *54,250 *52,550 *48,280 *40,670	*20.8 22.7 21.6 21.0 20.8 20.9 *19.0	*44,850 48,910 46,430 45,100 44,660 44,930 *40,670	*15.3 *16.8 *18.3 *19.3 *19.7 *19.3 *17.9 *15.1	*33,250 *36,490 *39,580 *41,800 *42,620 *41,690 *38,550 *31,940	*15.3 *16.8 16.3 15.6 15.1 14.9 15.0 *15.1	*33,250 *36,490 35,210 33,640 32,620 32,180 32,300 *31,940	*8.8 *11.4 *12.1 *12.7 *13.6 *14.5 *15.3 *15.9 *16.1 *15.7 *14.3	*19,360 *25,070 *26,440 *27,700 *29,530 *31,460 *33,220 *34,510 *34,890 *33,870 *30,560	*8.8 *11.4 *12.1 *12.7 13.6 13.0 12.5 12.0 11.7 11.5 11.6	*25,070 *26,440 *27,700 29,210 27,960 26,820 25,840 25,180 24,890	*10.3 *11.9 *12.3 *12.9 *13.3 *13.6 *13.5 *12.7	*20,650 *26,000 *26,910 *28,010 *28,960 *29,450 *29,090 *27,340	*10.3 10.9 10.6 10.2 9.8 9.6 9.4 9.4	*20,650 23,430 22,720 21,910 21,150 20,570 20,230 20,190	*8.5 *8.1 *7.9 *7.9 *8.4 *8.9 *9.7 *10.9 *12.2 *12.5 *12.6	*18,970 *17,900 *17,450 *17,420 *17,750 *18,450 *19,590 *21,350 *24,020 *27,010 *27,570 *27,670	*8.5 *8.1 *7.9 *7.9 *8.1 8.2 8.0 8.1 8.4 9.2 10.5 *12.6	*18,970 *17,900 *17,450 *17,420 *17,750 17,990 17,650 17,840 18,640 20,290 23,320 *27,670	9.1 / 29.20 10.2 / 33.10 11.0 / 35.88 11.6 / 37.80 11.9 / 38.99 12.0 / 39.51 12.0 / 39.39 11.8 / 38.63 11.3 / 37.17 10.7 / 34.95 9.7 / 31.79 8.4 / 27.36
Boom 7.7 m, 25' 3" + Arm 4.2 m, 13' 9" + Shoe 750 mm, 30" + Counterweight 11,300 kg, 24,920 lb	10.5 m 35' 9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*14.3 *13.9	*48,610 *66,340 *61,310		*31,910 *30,710 *48,610 *66,340 *61,310	*23.2 *24.7	*44,850 *50,190 *53,490 *54,250 *52,550 *48,280 *40,670	*20.8 22.9 21.8 21.2 21.0 21.1 *19.0	*44,850 49,400 46,920 45,580 45,150 45,420 *40,670	*16.8 *18.3 *19.3 *19.7 *19.3 *17.9	*41,800 *42,620 *41,690	*16.8 16.5 15.8 15.3 15.1 15.1	*36,490 35,570 34,000 32,980 32,540 32,660	*8.8 *11.4 *12.1 *12.7 *13.6 *14.5 *15.3 *15.9 *16.1 *15.7 *14.3	*25,070 *26,440 *27,700 *29,530 *31,460 *33,220	*11.4 *12.1 *12.7 *13.6 13.1 12.6 12.1 11.8 11.7	*25,070 *26,440 *27,700 29,490 28,240 27,100 26,130 25,460 25,180	*10.3 *11.9 *12.3 *12.9 *13.3 *13.6 *13.5 *12.7	*20,650 *26,000 *26,910 *28,010 *28,960 *29,450 *29,090 *27,340	*10.3 11.0 10.7 10.3 9.9 9.7 9.5 9.5	*20,650 23,660 22,960 22,150 21,380 20,810 20,460 20,420	*8.5 *8.1 *7.9 *8.1 *8.4 *8.9 *9.7 *10.9 *12.2 *12.5 *12.6	*18,970 *17,450 *17,450 *17,450 *17,750 *18,450 *19,590 *21,350 *24,020 *27,010 *27,670	*7.9 *7.9 *8.1 8.2 8.1 8.5 9.3 10.6 *12.6	*27,670	9.1 / 29.20 10.2 / 33.10 11.0 / 35.88 11.6 / 37.80 11.9 / 38.99 12.0 / 39.51 12.0 / 39.39 11.8 / 38.63 11.3 / 37.17 10.7 / 34.95 9.7 / 31.79 8.4 / 27.36
Boom 7.7 m, 25' 3" + Arm 4.2 m, 13' 9" + Shoe 900 mm, 36" + Counterweight 11,300 kg, 24,920 lb	10.5 m 35' 9.0 m 30' 7.5 m 25' 6.0 m 20' 4.5 m 15' 3.0 m 10' 1.5 m 5' 0 m 0' -1.5 m -5' -3.0 m -10' -4.5 m -15' -6.0 m -20'	*14.3 *13.9 *21.0 *28.9 *28.3 *23.6	*30,710 *48,610 *66,340 *61,310 *50,720	*14.3 *13.9 *21.0 *28.9 *28.3 *23.6	*31,910 *30,710 *48,610 *66,340 *61,310	*23.2 *24.7 *25.0 *24.3 *22.3 *19.0	*50,190 *53,490 *54,250 *52,550 *48,280 *40,670	*20.8 *23.2 22.1 21.5 21.3 21.4 *19.0	50,100 47,620 46,280 45,840 46,120 *40,670	*16.8 *18.3 *19.3 *19.7 *19.3 *17.9 *15.1	*39,580 *41,800 *42,620 *41,690 *38,550 *31,940		*36,490 36,080 34,510 33,500	*11.4 *12.1 *12.7 *13.6 *14.5 *15.3 *15.9 *16.1 *15.7	*19,360 *25,070 *26,440 *27,700 *29,530 *31,460 *33,220 *34,510 *34,890 *33,870 *30,560	*11.4 *12.1 *12.7 *13.6 13.3 12.8 12.3 12.0 11.9	*25,070 *26,440 *27,700 *29,530 28,650 27,510 26,540 25,870 25,590	*10.3 *11.9 *12.9 *13.3 *13.6 *13.5 *12.7	*20,650 *26,000 *26,910 *28,010 *28,960 *29,450 *29,450 *27,340	*10.3 11.2 10.8 10.4 10.1 9.8 9.7 9.6	*20,650 24,000 23,290 22,490 21,720 21,140 20,800 20,840	*8.5 *8.1 *7.9 *8.1 *8.4 *8.9 *9.7 *10.9 *12.2 *12.5 *12.6	*18,970 *17,450 *17,450 *17,420 *17,750 *18,450 *19,590 *21,350 *24,020 *27,010 *27,570 *27,670	*8.1 *7.9 *8.1 8.4 8.2 8.3 8.7 9.4 10.8		9.1 / 29.20 10.2 / 33.10 11.0 / 35.88 11.6 / 37.80 11.9 / 38.99 12.0 / 39.51 12.0 / 39.39 11.8 / 38.63 11.3 / 37.17 10.7 / 34.95 9.7 / 31.79 8.4 / 27.36

- Notes: 1. Machine in "Fine Mode-F" (Power Boost) for lifting capacities.
  2. The above loads are in compliance with SAE J1097 and ISO 10567 Hydraulic Excavator Lifting Capacity Standards.

  - 3. Rated loads do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.

    4. Rated loads marked with an asterisk (\*) are limited by hydraulic capacity rather than tipping load.
  - 5. Contains metric and U.S. measurement charts.

#### STANDARD EQUIPMENT

#### **Engine**

Turbocharged, 4-stroke diesel engine with water cooling, direct injection and charged air cooler that meets EPA (Environment Protection Agency) Tier 3 emission standards

3-stage air filter with indicator and precleaner Air intake heater Electric engine shut-off Fuel filter and water separator

Alternator, 80 A

#### Electric/Electronic control system

Contronics

- Advanced mode control system

Self-diagnostic system
 Machine status indication

Engine speed sensing power control

Automatic idling system
One-touch power boost
Safety stop/start function
Adjustable monitor
Travel alarm

Travel alarm Master switch

Engine restart prevention circuit High-capacity halogen lights:

Frame-mounted 3 -

- Boom-mounted 4

Batteries, 2 x 12 V / 225 Ah Start motor, 28 V / 6.6 kW

#### Hydraulic system

Hose rupture valve on boom cylinder Overload warning device Automatic hydraulic system - Summation system - Boom priority

- Arm priority

- Swing priority

Boom and arm regeneration valves

Swing anti-rebound valves

Boom and arm holding valves

Boom float function

Pump flow control for hammer & shear

Multi-stage filtering system Cylinder cushioning

Cylinder contamination seals

Auxiliary hydraulic valve

Automatic two-speed travel motors

Hydraulic oil, ISO VG 46 Straight travel pedal

#### Superstructure

Access ways with handrail
Full height counterweight:
11,300 kg, **24,920 lb**Tool storage area
Punched metal anti-slip plates
Undercover (heavy-duty 4.5 mm, **0.18"**)
Side walk-way both sides

#### Cab and interior

Fabric seat with heater and air suspension 3 inch seat belt

Pilot-operated wrist control joysticks with 3 switches each

Heater & air-conditioner, automatic Hydraulic dampening cab mounts Adjustable operator seat and joystick

control console Flexible antenna

Hydraulic safety lock lever

Cab, all-weather sound suppressed, includes:

- Ashtray

- Cup holder

- Lighter

- Door locks

- Tinted glass

- Floor mat

HornLarge storage area

Large storage area

- Pull-up type front window

- Removable lower windshield

- Safety glass

- Sun shield, front, roof, rear

- Rain shield, front

- Windshield wiper with intermittent feature

- Stereo cassette radio

Anti-vandalism kit assembly preparation Master ignition key

#### Undercarriage

Hydraulic track tension adjusters Long life time greased and sealed track chain

Track guards

Undercover (heavy-duty 10mm, **0.39"**) Mechanically retractable track gauge

#### Track shoes

Track shoes 900 mm, **36"** with double grousers

#### Digging equipment

Boom: 7.7 m, **25' 3"** Arm: 3.55 m, **11' 8"** Centralized lubrication

#### **OPTIONAL EQUIPMENT**

#### **Engine**

Block heater: 120 V, 240 V Dual stage precleaner with ejector

Diesel coolant heater

Fuel filler pump: 100 l/min, 26.4 gpm with

automatic shut-off Water separator with heater Low noise kit

#### Electric

Extra lamps:

- Cab-mounted 1

- Counterweight-mounted 1

Swing alarm
Anti-theft system
Rotating warning beacon

#### Hydraulic system

Hose rupture valve on arm cylinder Hammer & shear:

- one and two pump flow

- Additional return filter

- 1 switch control

- 2 switch control

- Proportional pedal switch control

Pilot control pattern change Hydraulic oil, ISO VG 32 Hydraulic oil, ISO VG 68 Hydraulic oil, biodegradable 32 Hydraulic oil, biodegradable 46

#### Cab and interior

Fabric seat

Fabric seat with heater

Control joystick with semi-long levers Control joystick with 5 switches each Air-conditioner, manual

Falling object guard (FOG)

- Frame-mounted (356 kg, 785 lb)

 Cab-mounted (153 kg, **337 lb**)
 Cab-mounted falling object protective structures (FOPS: 80 kg, **176 lb**) Sunlight protection, roof (steel) Safety net for front window Lower wiper Anti-vandalism kit

#### Undercarriage

Full track guards (190 kg, 419 lb/unit)

#### Track shoes

650 mm, **26"**/750 mm, **30"** track shoes with double grousers

#### Digging equipment

Boom: ME 6.6 m, **21' 8"** Arm: 2.9 m, **9' 6"**/4.2 m, **13' 9"** 

#### Service

Electric grease gun Special tool for retractable frame Tool kit, full scale



Volvo Construction Equipment is different. It's designed, built and supported in a different way. That difference comes from an engineering heritage of over 170 years. A heritage of thinking first about the people who actually use the machines. About how to help them be safer, more comfortable, more productive. About the environment we all share. The result of that thinking is a growing range of machines and a global support network dedicated to helping you do more. People around the world are proud to use Volvo. And we're proud of what makes Volvo different – **More care. Built in.** 



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