

VOLVO EXCAVATORS

EC380D, EC480D

38-56 t 288-355 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 175 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.



Volvo Trucks

Renault Trucks

Mack Trucks



UD Trucks



Volvo Buses



Volvo Construction Equipment



Volvo Penta



Volvo Aero



Volvo Financial Services

SEE IT ALL. DO IT ALL.



When you are working comfortably, long work shifts go by quickly. You see everything clearly. Everything seems easier and you get more accomplished. That is the goal every day. Do it with Volvo.



Volvo care cab

All-day cab comfort is yours with Volvo. Expect an excellent operator environment and take command in all-around quality and ergonomic comfort. A comfortable seat, ideally-placed controls, excellent visibility and plenty of cab room. It all adds up to greater productivity, day after day.



Color I-ECU monitor

Operators always know exactly where their machine stands from a diagnostic point of view with the color I-ECU monitor. It's clear and easy to read, in all light conditions, for visual status checks. Its position from left to right is adjustable. A service mode allows engineers to perform quick diagnostic checks, helping to increase uptime and productivity. The monitor also permits rear view camera images to be displayed.

Console & switches

Everything you need is all in reach and view in the Volvo cab. The consoles and switches are conveniently located right where you want them, with your ergonomic comfort in mind. The consoles and switches are also built with quality for durability and long life.



Noise reduction

Excellent noise insulation and vibration dampening reduces fatigue and ensures high operator productivity all day long.

Viscous silicon rubber

The Volvo Care Cab is mounted on viscous, silicon rubber mounts. This system absorbs shocks, providing excellent comfort and greatly reducing whole body vibration. Also produces less noise, resulting in less fatigue and more comfort that leads to more all-day productivity.

ROPS

The cab features Roll Over Protective Structure (ROPS) safety certification. Provides more operator safety and peace-of-mind when operating in tough environments or in the event of the machine rolling over.

VOLVO STRENGTH IS BEHIND YOU.

Volvo engine

The new Volvo Stage IIIB emissions compliant engine fully meets today's environmental requirements. Engine noise is also reduced.

Digging power

Excellent digging power performance allows for quick cycle times and efficient extraction of hard or compacted material.



Tractive force

Improved tractive force for excellent speed and traveling on inclines or difficult terrain.

Digging speed

Up to 15% increased boom down speed and 2-pump flow for bucket in, results in faster cycle times and higher productivity.



Mechanical variable width (EC480D only)

Better stability and protection from an additional 150mm width and 196mm of ground clearance, whilst bucket capacity can also be increased.



Boom float

With the float position it is possible to get the boom "floating" over the ground without any pressure in the boom cylinders. This feature is useful for grading/finishing operation and for grab working.



You think it and you act. The reaction time is instantaneous. From your mind to your hand, there is no hesitation. It's intuitive and it's the same in your Volvo Excavator. Move swiftly and dig in with powerful productivity.

TECHNOLOGY AT WORK FOR YOU.



Your excavator does much more than one task, and Volvo uses advanced technology to help you get the most out of each job. Pick the right work mode, settings and attachments. Multi-task, go for speed or handle heavy loads. It's your choice and you can do each with maximum efficiency.



Selection work mode



Five working modes allow the operator to select the most appropriate mode for the application at hand. Assures the right amount of performance, along with an efficient use of fuel to suit the task.

I (Idle) stages 1 and 2 (2 being the lowest) – reduces rpm during inactive periods. Can be deselected at the press of a switch.

F (Fine) stages 1, 2 and 3 – increased hydraulic pressure via continuous Power Boost for lifting.

G (General) stages 1, 2 and 3 (1 being the highest) – G1 = good productivity and fuel consumption.

H (Heavy) – high productivity for intensive bulk earthmoving (more fuel efficient than P).

P (Power- Max) – provides additional 100rpm for absolute maximum performance.



Attachment management system

Permits storage of up to 18 different attachment presets. Enables hydraulic flow (standard) and pressure (optional) adjustments according to requirements. Operator can choose hydraulic settings that are 1-way, 2-way, push button, toggle or proportional (optional). Allows operators to quickly change attachments without the need for manual setup. This saves downtime and increases productivity. The system can be password protected to prevent possible misuse by operators or rental users with insufficient knowledge of using hydraulic attachments.

BUILT TO OUTLAST.

Durability

Durability is built in, top to bottom, arm to counterweight. With Volvo, unforgiving conditions are no match.

Undercarriage

Three-piece, high tensile steel undercarriage is built for durability to withstand the toughest conditions.

Superstructure underside

Standard HD plates are hinged to provide not only excellent underside protection, but also safety for service personnel. All models benefit from bolt-head protection in the event of the underside being scraped.

Gear box

Employs a 3-stage, planetary reduction gear. Automatic 2-speed track motors utilize durable covers with recessed bolts.

Top rollers

Forged steel and deep-hardened to ensure long-term durability.

Sprocket

Designed with high quality, heat-treated material for hardness and durability.

Track guards

Protects against track derailment. Two guards per track frame (standard) or full length track guards (optional).

Track shoes

Strong, durable and available in various widths to suit the application at hand.

Bottom rollers

Volvo forged steel bottom rollers are oil-lubricated with EP (Extreme Pressure) oil, ensuring high and consistent viscosity even under heavy loads and high shocks, and a reduced internal temperature. In addition, an M-type seal keeps grease inside the pin and bushing, whilst preventing the ingress of dirt/abrasive materials.

Idler wear strip protection

Located on the inside and outside of the idler bracket, providing protection and long-term durability.



HD boom

Standard HD booms are heavily reinforced in order to withstand high-impact materials such as blasted rock.



HD arm

High tensile steel arms feature strong welds, castings and forged bearings for severe-use durability.

Arm wear stripes

Long wear strips are welded to the inside of the arm, providing protection and durability.

Linkage yoke reinforcement

Incorporates a support bar for additional strength and durability. Extra assurance for severe applications.

Track chains

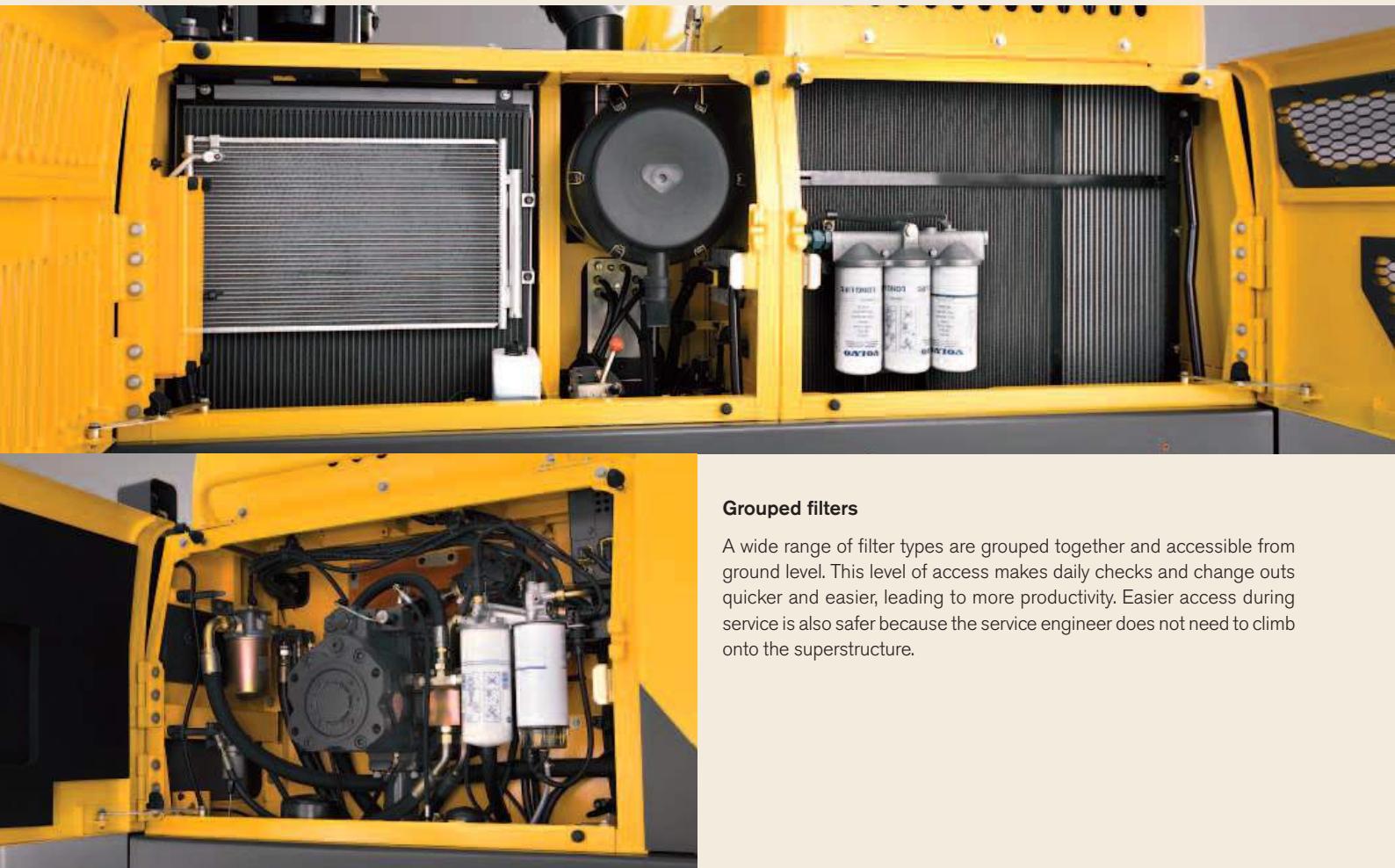
Volvo track links are deep-hardened, heat-treated, induction-hardened, heat-treated again and finally machined. Track link pins and bushings are grease lubricated with lithium based grease (fortified with molybdenum) and sealed for life, thereby reducing maintenance and downtime.

Idlers

Durable, hardened, large-radius fabricated idlers.

MORE UPTIME, IN REACH.

Volvo makes it easier for you to keep working. It starts with ease of serviceability. Compartments open easily, revealing grouped service points. It's in reach without having to climb all over the machine. It's designed to help you reach greater profits.



Grouped filters

A wide range of filter types are grouped together and accessible from ground level. This level of access makes daily checks and change outs quicker and easier, leading to more productivity. Easier access during service is also safer because the service engineer does not need to climb onto the superstructure.



Access

 Large opening service compartment doors provide faster, safer service access. Service points are grouped and as close to ground level as possible. This helps avoid climbing to heights or working from the superstructure. Reducing service time helps to increase uptime.

THE LOOK OF PRODUCTIVITY.

Working Modes

Five working modes to select the right mode and efficiency for the application at hand.

Attachment Management

Store up to 18 different password-protected attachment presets.

Boom Float

Lowers using only gravity, for more hydraulic flow availability and faster dig speed.

Traffic force

Travel on inclines or difficult terrain with excellent speed and tractive force.



Durability



Built to outlast. Built for your work, through and through.



Care cab

The roomy Volvo cab has it all: clear visibility, ergonomic comfort and perfectly-placed controls.

ROPS Safety

More operator safety and peace-of-mind when operating.



Technology

Designed with intelligence to help you do a variety of tasks, from heavy to fine, with a wide range of tools.



Volvo Power

Dependable power with high torque at low RPM, along with low fuel consumption, emissions and noise.



Serviceability

Fast, easy service from grouped, ground-level access.



TOP PERFORMANCE DESERVES SUPPORT.

The day you receive your new Volvo Excavator is just the start of your working relationship with Volvo. From service and maintenance to our CareTrack telematics system – Volvo has a comprehensive and sophisticated aftermarket portfolio to continuously add value to your business.

Volvo designed and built your machines, so no-one knows how to keep them working in top condition more than us. When it comes to your machine, our Volvo trained technicians are the experts.

Our technicians work with industry leading diagnostic tools and techniques, using only Genuine Volvo Parts to deliver the highest levels of quality and service. Talk to your Volvo dealer about how genuine Volvo services can best provide the service and maintenance plan that is the right fit for you and your business.



State-of-the-art machines require state-of-the-art support and your Volvo dealer can provide a catalogue of services designed to get the most out of your machine, helping you maximise uptime, productivity and residual value. Your Volvo dealer can provide a number of sophisticated support offers, including:

Service plans ranging from routine wear inspections, through to comprehensive maintenance and repair agreements.

Analysis and diagnostics to help you understand how your machine is running, highlight potential maintenance issues and identify where performance can be improved.

Eco Operator training courses can help your operators work towards a safer, more productive and fuel efficient performance.



CareTrack*

Each Volvo Excavator comes standard equipped with CareTrack, the Volvo telematics system. CareTrack provides information for better planning and smarter working; including fuel consumption reports, location reports and service reminders. Save fuel. Reduce costs. Maximise profitability. You can with CareTrack.

* In markets where CareTrack is available

VOLVO EC380D, EC480D IN DETAIL.

Engine

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

Air Filter: 3-stage and 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.

EC380D

| | | |
|-----------------------------|-------------|-------------|
| Engine Tier 4i (Stage IIIB) | Volvo | D13H-D |
| Max power at | r/s / r/min | 28 / 1700 |
| Net, ISO 9249/SAE J1349 | kW / hp | 208 / 283 |
| Gross, ISO 14396/SAE J1995 | kW / hp | 215 / 293 |
| Max torque at | Nm / r/min | 1580 / 1300 |
| No. of cylinders | | 6 |
| Displacement | l | 12,8 |
| Bore | mm | 131 |
| Stroke | mm | 158 |

EC480D

| | | |
|-----------------------------|-------------|-------------|
| Engine Tier 4i (Stage IIIB) | Volvo | D13H-D |
| Max power at | r/s / r/min | 30 / 1800 |
| Net, ISO 9249/SAE J1349 | kW / hp | 256 / 348 |
| Gross, ISO 14396/SAE J1995 | kW / hp | 265 / 360 |
| Max torque at | Nm / r/min | 1800 / 1400 |
| No. of cylinders | | 6 |
| Displacement | l | 12,8 |
| Bore | mm | 131 |
| Stroke | mm | 158 |

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.

| | | EC380D | EC480D |
|------------------|--------|---------|---------|
| Voltage | V | 24 | 24 |
| Batteries | V | 2 x 12 | 2 x 12 |
| Battery capacity | Ah | 200 | 200 |
| Alternator | V / Ah | 28 / 80 | 28 / 80 |

Swing system

The swing system uses an axial piston motors, driving a planetary gearbox for maximum torque. An automatic holding brake and anti-rebound valve are standard.

| | | | |
|------------------|-------|-------|-------|
| Max. slew speed | r/min | 10,2 | 8,8 |
| Max. slew torque | kNm | 130,5 | 166,3 |

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 | kN | 276,5 | 333 |
| Max. travel speed | km/h | 3,4/5,53 | 3,1/5,2 |
| Gradeability | ° | 35 | 35 |

Undercarriage

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

| | | | |
|----------------------------|----|---------------------|---------------------|
| Track pads | | 2 x 50 | 2 x 52 |
| Link pitch | mm | 215,9 | 215,9 |
| Shoe width, triple grouser | mm | 600/700/ 800/900 | 600/700/ 800/900 |
| Shoe width, double grouser | mm | 600 | 600 |
| Bottom rollers | | 2 x 9 | 2 x 9 |
| Top rollers | | 2 x 2 | 2 x 2 |

Hydraulic system

The hydraulic system, also known as the "Automatic Sensing Work Mode," is designed for high-productivity, high-digging 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 a single function 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.
- Holding valves: Boom and arm holding valves prevent the digging equipment from creeping.

| | EC380D | EC480D |
|--|---------------|---------------|
| Main pump, Type 2 x variable displacement axial piston pumps | | |
| Maximum flow l/min | 2 x 300 | 2 x 358 |

Hydraulic motors

| | EC380D | EC480D |
|--|---------------|---------------|
| Travel: Variable displacement axial piston motor with mechanical brake | | |
| Slew: Fixed displacement axial piston motor with mechanical brake | | |
| Relief valve setting | | |
| Implement MPa | 32,4/35,3 | 32,4/35,3 |
| Travel circuit MPa | 35,3 | 32,4 |
| Slew circuit MPa | 27,9 | 25,8 |
| Pilot circuit MPa | 3,9 | 3,9 |

Hydraulic cylinders

| | EC380D | EC480D |
|----------------------|---------------|---------------|
| Mono boom | 2 | 2 |
| Bore x Stroke ø x mm | 160 x 1530 | 165 x 1590 |
| Arm | 1 | 1 |
| Bore x Stroke ø x mm | 175 x 1750 | 190 x 1850 |
| Bucket | 1 | 1 |
| Bore x Stroke ø x mm | 145 x 1285 | 165 x 1330 |
| ME Bucket | 1 | 1 |
| Bore x Stroke ø x mm | 160 x 1250 | 175 x 1335 |

Service refill capacities

| | | | |
|-------------------------|--|---------|-------|
| Fuel tank | | 620 | 685 |
| Hydraulic system, total | | 500 | 525 |
| Hydraulic tank | | 220 | 270 |
| Engine oil | | 42 | 42 |
| Engine coolant | | 60 | 60 |
| Slew reduction unit | | 6,5 | 2 x 6 |
| Travel reduction unit | | 2 x 6,8 | 2 x 8 |

Cab

Integrated air-conditioning and heating system:
The pressurized and filtered cab air is supplied by an automatically-controlled fan. The air is distributed throughout the cab from 14 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 Level

| | EC380D | EC480D |
|--|---------------|---------------|
| Sound level in cab according to ISO 6396 | | |
| LpA dB(A) | 71 | 71 |
| External sound level according to ISO 6395 and EU Noise Directive (2000/14/EC) and 474-1:2006 +A1:2009 | | |
| LwA dB(A) | 105 | 106 |

SPECIFICATIONS.

VOLVO BUCKETS

Loose soil, re-handling material or abrasive rock; excavators and attachments work hand in hand to move almost any type of material. Volvo's experience together with excavator and attachment technology ensures a reduction in cycle times, increased productivity and lower fuel costs through higher breakout forces and quicker bucket fill times.

The efficiency of any type of excavation depends upon the selection of the right bucket therefore a broad bucket offering available from the same retailer as your excavator means the machine can be easily adjusted to operate in any conditions.

As the technology and experience in design for both Volvo's attachments and excavators stems from the same origin, availing from another service like Volvo's aftermarket support ensures the machine is running harder for longer.



(GP) General purpose bucket

Designed for digging and re-handling soft to medium materials e.g. soils with low wear characteristics. The GP bucket has anti-abrasive side cutters, a hardened lip plate and self-sharpening bucket teeth.

(HD) Heavy-duty bucket

Intended for digging in dense materials such as hard packed clay and gravel. The HD bucket has heavier overall fabrication with a thicker side cutting edge and hardened plating on all critical ground-engaging areas.

(RK) Rock bucket

Together with harder and thicker plating on all critical leading edges the rock bucket provides digging performance in soils with a high degree of rock content and well blasted rock. On the EC700B the option of a D-edge is available, for ease of penetration when rock handling.

(ES) Extreme service bucket

Available for the EC700 and provides additional wear protection for use in high impact or wearing applications. Inner protection and D edge as standard.

(FD) Fixed ditching bucket

A wide face, round profile and drain holes make the FD bucket ideal for ditch cleaning or removal of other soft material. An inner stiffener and optional bolt-on cutting edge bolster performance.

VOLVO TOOTH SYSTEM



LOCKING DEVICE



GPE



AMRE



PPE



SNE



TPE



Wear Cap & BL Adapter

Self-Sharpening Tooth System Cuts Through the Toughest Jobs

Volvo perfects the excavator bucket's point of attack with a robust tooth system that delivers performance and long life. Cast and tempered from a high-strength alloy, Volvo teeth resist stress and deliver optimum penetration in hard or abrasive material. An innovative design lessens internal wear between tooth and adapter — and makes it easy to change teeth.

LOCKING DEVICE

Patented vertical locking device. The steel pin with flexible lock retainer tightly secures the tooth to the adapter. Smart design transfers working stresses away from the locking device, saving wear on the steel pin and extending pin life. Self-sharpening Volvo teeth are designed for a small penetration area, which reduces stress and wear at the point of contact.

GPE

Self-sharpening general-purpose tooth with good penetration and long service life.

AMRE

Self-sharpening tooth resists wear in rock and other abrasive materials.

PPE

Pick-point excavator tooth delivers maximum penetration in hard clay or frozen ground.

SNE

Spade nose tooth is designed for finishing work such as leveling, grading, cleaning & backfilling.

TPE

Twin pick point with sharp, dual-point profile is ideal for compact or frozen ground.

Wear Cap & BL Adapter

The wear cap protects the adapter from unnecessary wear.

BL: 11/2 bottom leg adapter for welding to both sides of the cutting edge

MAXIMUM PERMITTED BUCKETS

| | | EC380DL with 7550kg counterweight | | | | EC380DNL with 7550kg counterweight | | | |
|--|-------|-----------------------------------|---------|--------|--------------------------------------|------------------------------------|---------|--------|-------|
| Boom | m | 6,2 ME | 6,45 HD | | | 6,2 ME | 6,45 HD | | |
| Arm | m | 2,6 | 2,6 | 3,2 HD | 3,9 | 2,6 | 2,6 | 3,2 HD | 3,9 |
| Max. bucket | liter | liter | liter | liter | liter | liter | liter | liter | liter |
| GP bucket 1,5 t/m ³ | 2775 | 2775 | 2550 | 2300 | 2450 | 2325 | 2125 | 1925 | |
| GP bucket 1,8 t/m ³ | 2450 | 2450 | 2250 | 2050 | 2175 | 2075 | 1900 | 1700 | |
| HD bucket 1,8 t/m ³ | 2325 | 2325 | 2125 | 1925 | 2050 | 1950 | 1800 | 1625 | |
| HD bucket 2,0 t/m ³ | 2175 | 2175 | 2000 | 1800 | 1925 | 1825 | 1675 | 1500 | |
| • EC380DL with direct fit bucket | | | | | • EC380DNL with direct fit bucket | | | | |
| GP bucket 1,5 t/m ³ | 2600 | 2600 | 2350 | 2125 | 2325 | 2200 | 2025 | 1800 | |
| GP bucket 1,8 t/m ³ | 2300 | 2300 | 2100 | 1875 | 2075 | 1950 | 1800 | 1600 | |
| HD bucket 1,8 t/m ³ | 2175 | 2175 | 1975 | 1775 | 1950 | 1850 | 1700 | 1525 | |
| HD bucket 2,0 t/m ³ | 2025 | 2025 | 1850 | 1675 | 1825 | 1725 | 1575 | 1400 | |
| • EC380DL with quick coupler bucket | | | | | • EC380DNL with quick coupler bucket | | | | |
| EC480DL fixed undercarriage with 9750kg counterweight | | | | | | | | | |
| Boom | m | 7,0 GP/HD | | | | | | 6,5 ME | |
| Arm | m | G3,9 | G4,8 | H2,55 | | H3,35 | | M2,55 | |
| Max. bucket | liter | liter | liter | liter | liter | liter | liter | liter | liter |
| GP bucket 1,5 t/m ³ | 2750 | | 2450 | 3300 | | 2950 | | 3500 | |
| GP bucket 1,8 t/m ³ | 2450 | | 2175 | 2925 | | 2600 | | 3100 | |
| HD bucket 1,8 t/m ³ | 2300 | | 2050 | 2775 | | 2475 | | 2925 | |
| HD bucket 2,0 t/m ³ | 2150 | | 1925 | 2600 | | 2300 | | 2750 | |
| • EC480DL with direct | | | | | | | | | |
| GP bucket 1,5 t/m ³ | 2575 | | 2275 | 3125 | | 2750 | | 3325 | |
| GP bucket 1,8 t/m ³ | 2275 | | 2025 | 2775 | | 2450 | | 2950 | |
| HD bucket 1,8 t/m ³ | 2150 | | 1900 | 2625 | | 2325 | | 2775 | |
| HD bucket 2,0 t/m ³ | 2000 | | 1775 | 2450 | | 2150 | | 2600 | |
| • EC480DL with S3 | | | | | | | | | |
| GP bucket 1,5 t/m ³ | 2400 | | 2100 | 2950 | | 2600 | | 3150 | |
| GP bucket 1,8 t/m ³ | 2125 | | 1875 | 2625 | | 2300 | | 2800 | |
| HD bucket 1,8 t/m ³ | 2025 | | 1775 | 2475 | | 2175 | | 2650 | |
| HD bucket 2,0 t/m ³ | 1875 | | 1650 | 2300 | | 2025 | | 2450 | |
| • EC480DL with U quick coupler bucket | | | | | | | | | |
| EC480D retractable undercarriage with 9750kg counterweight | | | | | | | | | |
| Boom | m | 7,0 GP/HD | | | | | | 6,5 ME | |
| Arm | m | G3,9 | G4,8 | H2,55 | | H3,35 | | M2,55 | |
| Max. bucket | liter | liter | liter | liter | liter | liter | liter | liter | liter |
| GP bucket 1,5 t/m ³ | 2975 | | 2625 | 3525 | | 3150 | | 3800 | |
| GP bucket 1,8 t/m ³ | 2625 | | 2325 | 3125 | | 2800 | | 3375 | |
| HD bucket 1,8 t/m ³ | 2500 | | 2200 | 2950 | | 2650 | | 3175 | |
| HD bucket 2,0 t/m ³ | 2325 | | 2050 | 2750 | | 2475 | | 2975 | |
| • EC480D MVW with direct fit bucket | | | | | | | | | |
| GP bucket 1,5 t/m ³ | 2775 | | 2450 | 3325 | | 2975 | | 3625 | |
| GP bucket 1,8 t/m ³ | 2475 | | 2175 | 2950 | | 2625 | | 3200 | |
| HD bucket 1,8 t/m ³ | 2325 | | 2050 | 2800 | | 2500 | | 3025 | |
| HD bucket 2,0 t/m ³ | 2175 | | 1900 | 2600 | | 2325 | | 2825 | |
| • EC480D MVW with S3 quick coupler bucket | | | | | | | | | |
| GP bucket 1,5 t/m ³ | 2625 | | 2275 | 3175 | | 2800 | | 3450 | |
| GP bucket 1,8 t/m ³ | 2325 | | 2025 | 2800 | | 2475 | | 3050 | |
| HD bucket 1,8 t/m ³ | 2200 | | 1900 | 2650 | | 2350 | | 2900 | |
| HD bucket 2,0 t/m ³ | 2050 | | 1775 | 2475 | | 2200 | | 2700 | |
| • EC480D MVW with U quick coupler bucket | | | | | | | | | |

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.

SPECIFICATIONS.

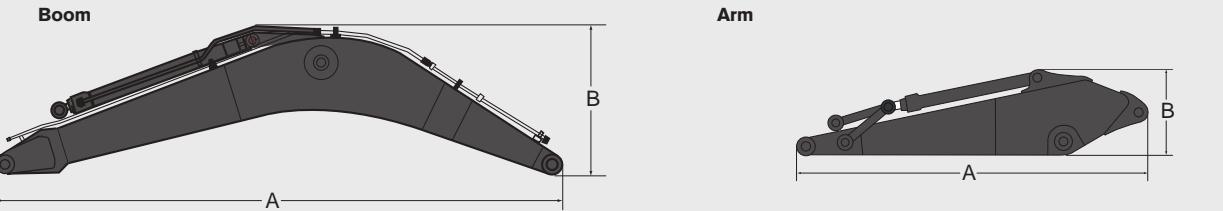
MACHINE WEIGHTS AND GROUND PRESSURE

| EC380D | | | | | | | | |
|--|------------|--|------------------|---|-----------------|--|------------------|-----------------|
| Description | Shoe width | | Operating weight | | Ground pressure | | Operating weight | Ground pressure |
| Triple grouser | 600 mm | | 38300 kg | | 68,6 kPa | | 38040 kg | 68,1 kPa |
| | 700 mm | | 38790 kg | | 59,8 kPa | | 38530 kg | 59,8 kPa |
| | 800 mm | | 39220 kg | | 53,0 kPa | | 38960 kg | 53,0 kPa |
| Double grouser | 900 mm | | 39660 kg | | 48,1 kPa | | 39400 kg | 47,1 kPa |
| | 600 mm | | 38460 kg | | 69,6 kPa | | 38200 kg | 68,6 kPa |
| EC380D with LC undercarriage, 6,45 m boom, 3,2 m arm, 1460 kg bucket, 7050 kg counterweight | | | | EC380D with NLC undercarriage, 6,45 m boom, 3,2 m arm, 1460 kg bucket, 7050 kg counterweight | | | | |

| EC480D with FIXED undercarriage | | | | | EC480D with RETRACTABLE undercarriage | | |
|---|--------|----------|----------|----------|---|--|--|
| | 600 mm | 48600 kg | 84,6 kPa | 49700 kg | 86,5 kPa | | |
| Triple grouser | 700 mm | 49100 kg | 73,7 kPa | 50200 kg | 74,5 kPa | | |
| | 800 mm | 49600 kg | 64,6 kPa | 50700 kg | 66,6 kPa | | |
| | 900 mm | 50200 kg | 58,7 kPa | 51200 kg | 59,6 kPa | | |
| Double grouser | 600 mm | 48700 kg | 84,6 kPa | 49800 kg | 86,5 kPa | | |
| EC480DLC with FIXED undercarriage, 7,0 m boom, 3,35 m arm, 2020 kg bucket, 9750 kg counterweight | | | | | EC480DLC with RETRACTABLE undercarriage, 7 m boom, 3,35 m arm, 2020 kg bucket, 9750 kg counterweight | | |

| | EC380DL | | EC380DNL | | EC480DL | | EC480DL* | |
|-------------|----------------------|--------|----------|---------|---------|---------|----------|--------|
| Description | Operating weight, kg | | | | | | | |
| Boom | m | 6,2 ME | | 6,45 HD | | 6,5 ME | | 7,0 HD |
| Weight | kg | 3353 | | 3346 | | 4127 | | 4176 |
| Arm | m | 2,6 | 3,2 HD | 3,9 | 2,55 | 3,35 HD | 3,90 | 4,80 |
| Weight | kg | 2049 | 2180 | 2300 | 2331 | 2579 | 2582 | 2726 |

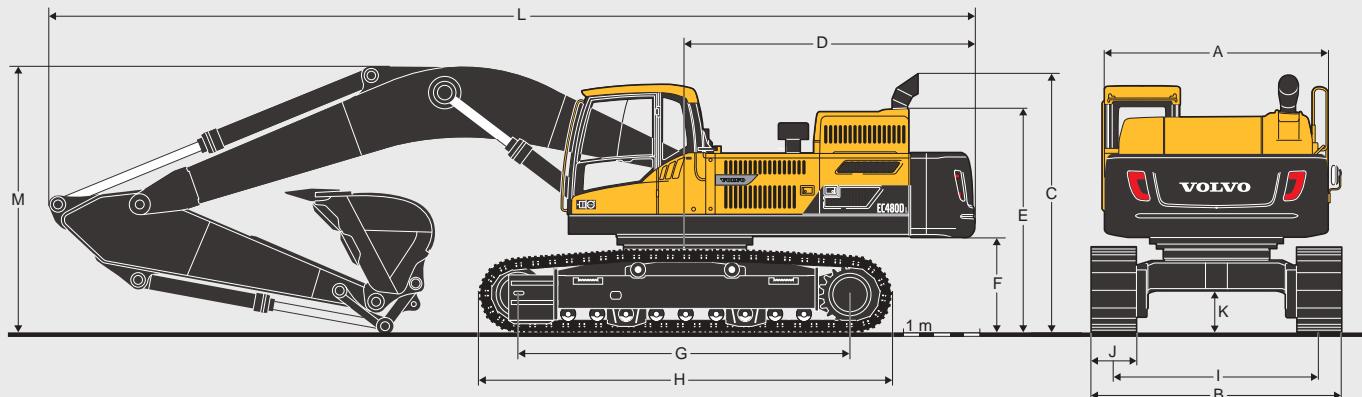
DIMENSIONS



| Boom | Unit | EC380D | | EC480D | | Arm Description | Unit | EC380D | | | | EC480D | | | |
|-------|------|--------|---------|--------|--------|-----------------|------|--------|--------|------|------|---------|------|------|--|
| | | mono | mono | mono | mono | | | 2,6 | 3,2 HD | 3,9 | 2,55 | 3,35 HD | 3,90 | 4,80 | |
| Boom | m | 6,2 ME | 6,45 HD | 6,5 ME | 7,0 HD | Arm | m | 2,6 | 3,2 HD | 3,9 | 2,55 | 3,35 HD | 3,90 | 4,80 | |
| A | mm | 6460 | 6700 | 6750 | 7250 | A | mm | 3780 | 4360 | 5080 | 3770 | 4590 | 5140 | 6100 | |
| B | mm | 1740 | 1800 | 2000 | 1840 | B | mm | 1145 | 1146 | 1140 | 1235 | 1235 | 1240 | 1250 | |
| Width | mm | 820 | 820 | 960 | 960 | Width | mm | 560 | 560 | 560 | 600 | 600 | 600 | 600 | |

* Includes arm cylinder, piping and pin

* Includes bucket cylinder, linkage and pin

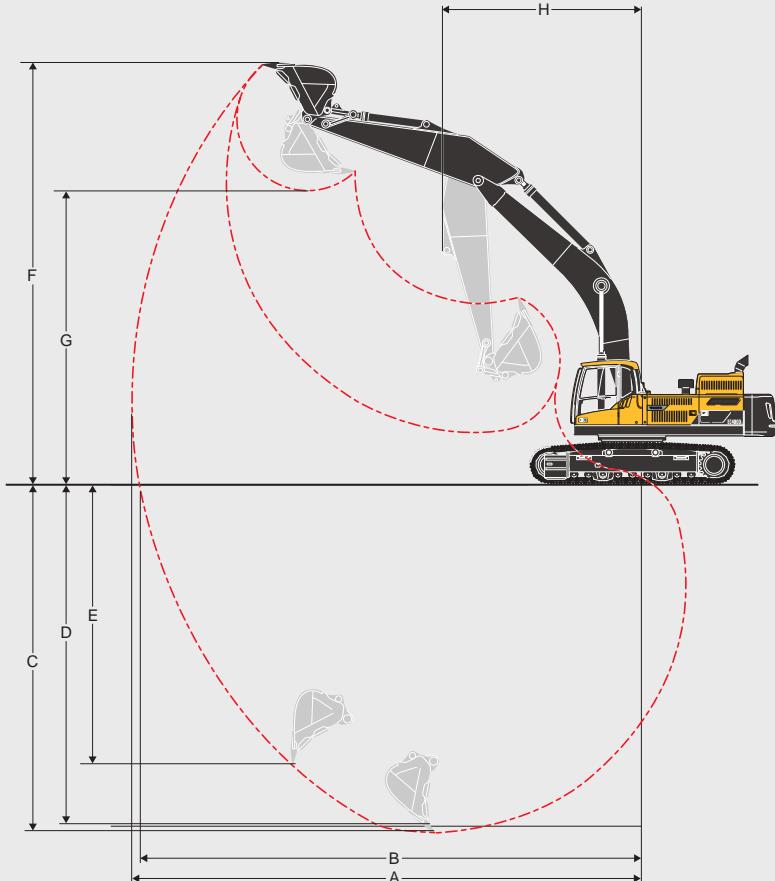


| Description | Unit | EC380DL | | | | EC380DNL | | | | | |
|-------------------------------------|------|---------|-------|-------|-------|---------------------------------------|-------|-------|-------|-------|-------|
| | | 6,2 | 6,45 | 6,2 | 6,45 | 2,6 | 3,2 | 3,9 | 4,8 | | |
| Boom | m | 6,2 | 6,45 | 6,2 | 6,45 | 2,6 | 3,2 | 3,9 | 4,8 | | |
| Arm | m | 2,6 | 2,6 | 3,2 | 3,9 | 2,6 | 3,2 | 3,9 | 4,8 | | |
| A. Overall width of upper structure | mm | 2990 | 2990 | 2990 | 2990 | 2990 | 2990 | 2990 | 2990 | | |
| B. Overall width | mm | 3340 | 3340 | 3340 | 3340 | 2990 | 2990 | 2990 | 2990 | | |
| C. Overall height of cab | mm | 3197 | 3197 | 3197 | 3197 | 3197 | 3197 | 3197 | 3197 | | |
| D. Tail swing radius | mm | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | 3560 | | |
| E. Overall height of engine hood | mm | 2860 | 2860 | 2860 | 2860 | 2860 | 2860 | 2860 | 2860 | | |
| F. Counterweight clearance * | mm | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 | 1210 | | |
| G. Tumbler length | mm | 4240 | 4240 | 4240 | 4240 | 4240 | 4240 | 4240 | 4240 | | |
| H. Track length | mm | 5180 | 5180 | 5180 | 5180 | 5180 | 5180 | 5180 | 5180 | | |
| I. Track gauge | mm | 2740 | 2740 | 2740 | 2740 | 2390 | 2390 | 2390 | 2390 | | |
| J. Shoe width | mm | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | | |
| K. Min. ground clearance * | mm | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | | |
| L. Overall length | mm | 11080 | 11330 | 11240 | 11290 | 11080 | 11330 | 11240 | 11290 | | |
| M. Overall height of boom | mm | 3700 | 3580 | 3350 | 3590 | 3700 | 3580 | 3350 | 3590 | | |
| Description | Unit | EC480DL | | | | EC480D mechanically retractable width | | | | | |
| Boom | m | 6,5 | 7,0 | 6,5 | 7,0 | 2,55 | 2,55 | 3,35 | 3,9 | 4,8 | |
| Arm | m | 2,55 | 2,55 | 3,35 | 3,9 | 4,8 | 2,55 | 2,55 | 3,35 | 3,9 | 4,8 |
| A. Overall width of upper structure | mm | 2990 | 2990 | 2990 | 2990 | 2990 | 2990 | 2990 | 2990 | 2990 | |
| B. Overall width (extended) | mm | 3440 | 3440 | 3440 | 3440 | 3440 | 3590 | 3590 | 3590 | 3590 | 3590 |
| Overall width (retracted) | mm | - | - | - | - | - | 3367 | 3367 | 3367 | 3367 | 3367 |
| C. Overall height of cab | mm | 3257 | 3257 | 3257 | 3257 | 3257 | 3090 | 3090 | 3090 | 3090 | 3090 |
| D. Tail swing radius | mm | 3800 | 3800 | 3800 | 3800 | 3800 | 3800 | 3800 | 3800 | 3800 | 3800 |
| E. Overall height of engine hood | mm | 2910 | 2910 | 2910 | 2910 | 2910 | 3020 | 3020 | 3020 | 3020 | 3020 |
| F. Counterweight clearance * | mm | 1275 | 1275 | 1275 | 1275 | 1275 | 1385 | 1385 | 1385 | 1385 | 1385 |
| G. Tumbler length | mm | 4370 | 4370 | 4370 | 4370 | 4370 | 4370 | 4370 | 4370 | 4370 | 4370 |
| H. Track length | mm | 5370 | 5370 | 5370 | 5370 | 5370 | 5370 | 5370 | 5370 | 5370 | 5370 |
| I. Track gauge (retracted) | mm | 2740 | 2740 | 2740 | 2740 | 2740 | 2390 | 2390 | 2390 | 2390 | 2390 |
| Track gauge (extended) | mm | - | - | - | - | - | 2890 | 2890 | 2890 | 2890 | 2890 |
| J. Shoe width | mm | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 | 700 |
| K. Min. ground clearance * | mm | 550 | 550 | 550 | 550 | 550 | 746 | 746 | 746 | 746 | 746 |
| L. Overall length | mm | 11630 | 12130 | 12140 | 12140 | 12010 | 11630 | 12130 | 12140 | 12140 | 12010 |
| M. Overall height of boom | mm | 3770 | 3630 | 3650 | 3690 | 4650 | 3800 | 3770 | 3790 | 3830 | 4790 |

* Without shoe grouser

SPECIFICATIONS.

WORKING RANGES



| Description | Unit | EC380D | | | | |
|--|-----------|--------|-------|-------|-------|-------|
| Boom | m | 6,2 | | 6,45 | | |
| Arm | m | 2,6 | 2,6 | 3,2 | 3,9 | |
| A. Max. digging reach | mm | 10440 | 10550 | 11070 | 11710 | |
| B. Max. digging reach on ground | mm | 10210 | 10330 | 10860 | 11520 | |
| C. Max. digging depth | mm | 6740 | 6850 | 7450 | 8150 | |
| D. Max. digging depth (2,44 m level) | mm | 6560 | 6650 | 7270 | 8000 | |
| E. Max. vertical wall digging depth | mm | 5260 | 5430 | 5870 | 6500 | |
| F. Max. cutting height | mm | 10070 | 10170 | 10340 | 10610 | |
| G. Max. dumping height | mm | 6810 | 7090 | 7280 | 7560 | |
| H. Min. front slew radius | mm | 4120 | 4320 | 4280 | 4300 | |
| Digging forces with direct fit bucket | | | | | | |
| Bucket radius | mm | 1810 | 1623 | 1623 | 1623 | |
| | SAE J1179 | kN | 214,5 | 198 | 198 | 198 |
| Breakout force - bucket (Normal/Power boost) | SAE J1179 | kN | 234,5 | 215,0 | 215,0 | 215,0 |
| | ISO 6015 | kN | 243,4 | 221,7 | 221,7 | 221,7 |
| | ISO 6015 | kN | 265,4 | 242,7 | 242,7 | 242,7 |
| | SAE J1179 | kN | 187,7 | 195,9 | 161,9 | 141,3 |
| Tearout force - dipper arm (Normal/Power boost) | SAE J1179 | kN | 205,7 | 212,9 | 176,9 | 154,3 |
| | ISO 6015 | kN | 193,9 | 201,1 | 166,0 | 144,4 |
| | ISO 6015 | kN | 211,9 | 219,1 | 181,0 | 157,4 |
| Rotation angle, bucket | ° | 164 | 177 | 177 | 177 | |

WORKING RANGES

| Description | Unit | EC480D * | | | | | | EC480D, mechanically retractable width ** | | | | |
|---|-----------|----------|-------|-------|-------|-------|-------|---|-------|-------|-------|------|
| Boom | m | 6,5ME | | 7,0 | | 6,5ME | | 7,0 | | | | |
| Arm | m | 2,55 | 2,55 | 3,35 | 3,9 | 4,8 | 2,55 | 2,55 | 3,35 | 3,9 | 4,8 | |
| A. Max. digging reach | mm | 10930 | 11340 | 12040 | 12530 | 13260 | 10930 | 11340 | 12040 | 12530 | 13260 | |
| B. Max. digging reach on ground | mm | 10680 | 11110 | 11810 | 12320 | 13060 | 10660 | 11090 | 11790 | 12300 | 13040 | |
| C. Max. digging depth | mm | 6580 | 6920 | 7720 | 8270 | 9170 | 6470 | 6810 | 7610 | 8160 | 9060 | |
| D. Max. digging depth (2,44 m level) | mm | 6410 | 6750 | 7570 | 8140 | 9050 | 6300 | 6640 | 7460 | 8030 | 8940 | |
| E. Max. vertical wall digging depth | mm | 6100 | 6270 | 7110 | 7570 | 8020 | 5880 | 6160 | 7000 | 7460 | 7910 | |
| F. Max. cutting height | mm | 10600 | 10860 | 11010 | 11190 | 11130 | 10710 | 10970 | 11130 | 11300 | 11240 | |
| G. Max. dumping height | mm | 6970 | 7420 | 7640 | 7820 | 7850 | 7080 | 7530 | 7750 | 7930 | 7960 | |
| H. Min. front slew radius | mm | 4780 | 5170 | 5090 | 5050 | 5100 | 4780 | 5170 | 5090 | 5050 | 5100 | |
| Digging forces with direct fit bucket | | | | | | | | | | | | |
| Bucket radius | mm | 1923 | 1810 | 1810 | 1810 | 1810 | 1923 | 1810 | 1810 | 1810 | 1810 | 1810 |
| | SAE J1179 | kN | 252,9 | 229,6 | 229,6 | 229,6 | 229,6 | 253 | 230 | 230 | 230 | 230 |
| Breakout force - bucket (Normal/Power boost) | SAE J1179 | kN | 285,1 | 260,9 | 260,9 | 260,9 | 260,9 | 285 | 261 | 261 | 261 | 261 |
| | ISO 6015 | kN | 275,3 | 251,2 | 251,2 | 251,2 | 251,2 | 275 | 251 | 251 | 251 | 251 |
| | ISO 6015 | kN | 310,6 | 284,4 | 284,4 | 284,4 | 284,4 | 311 | 284 | 284 | 284 | 284 |
| | SAE J1179 | kN | 224,5 | 231,6 | 196,1 | 175,9 | 159,7 | 225 | 232 | 196 | 176 | 160 |
| Tearout force - bucket (Normal/Power boost) | SAE J1179 | kN | 231,6 | 238,6 | 201,2 | 179,0 | 162,8 | 232 | 239 | 201 | 179 | 163 |
| | ISO 6015 | kN | 244,1 | 252,2 | 214,9 | 191,6 | 174,4 | 244 | 252 | 215 | 192 | 174 |
| | ISO 6015 | kN | 253,1 | 260,2 | 219,9 | 195,6 | 177,5 | 253 | 260 | 220 | 196 | 178 |
| Rotation angle, bucket | ° | 169 | 183 | 183 | 183 | 183 | 169 | 183 | 183 | 183 | 183 | 183 |

* FIXED UNDERCARRIAGE, Machine with pin-on bucket

** RETRACTABLE UNDERCARRIAGE, Machine with pin-on bucket

Bucket spec. for Working Range

- For ME Boom : VGP60 2600L VTS (Bucket tip radius : 1948,40mm)

- For STD Boom : KGP46 2060L KTS (Bucket tip radius : 1847,01mm)

EXPLANATION OF LIFTING CAPACITY TABLES

Example: • EC380DNLC

Lifting capacity at the arm end without bucket.

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

| | Lifting hook related to ground level | Along undercarriage 3,0 m | Across undercarriage 4,5 m | Along undercarriage 6,0 m | Across undercarriage 7,5 m | Along undercarriage 9,0 m | Across undercarriage Max. reach | Max. mm |
|--|--------------------------------------|---------------------------|----------------------------|---------------------------|----------------------------|---------------------------|---------------------------------|---------|
| Boom: 6,2 m + Arm: 2,6 m + Shoe: 600 mm + CWT: 7050 kg | 7,5 m kg | - | - | - | *10730 | 9890 | - | - |
| | 6,0 m kg | - | - | - | *11270 | 9690 | *10800 | 6730 |
| | 4,5 m kg | - | - | *15950 | 14330 | *12740 | 9270 | 10850 |
| | 3,0 m kg | - | - | *19950 | 13190 | *14580 | 8780 | 10590 |
| | 1,5 m kg | - | - | *22520 | 12470 | 14570 | 8370 | 10340 |
| | 0 m kg | - | - | *23070 | 12230 | 14290 | 8130 | 10180 |
| | -1,5 m kg | *17930 | *17930 | *22250 | 12240 | 14220 | 8080 | 10170 |
| | -3,0 m kg | *26840 | 24630 | *20070 | 12440 | 14370 | 8200 | - |
| | -4,5 m kg | - | - | *15500 | 12900 | - | - | - |
| | | | | | | | | *12300 |

Notes:

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

SPECIFICATIONS.

LIFTING CAPACITY EC380DLC

| | | 1,5 m | | 3,0 m | | 4,5 m | | 6,0 m | | 7,5 m | | 9,0 m | | Max. reach | | Max. | | | | | |
|--------|--------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|-----------|--------|-------|--------|-------|------|------|
| | | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | mm | | | | | |
| Boom : | 6,2m | 7,5 m kg | - | - | - | - | - | *10730 | *10730 | - | - | - | - | *10940 | 9250 | 6717 | | | | | |
| | | 6,0 m kg | - | - | - | - | - | *11270 | 11050 | *10800 | 7650 | - | - | *10620 | 7320 | 7694 | | | | | |
| | | 4,5 m kg | - | - | - | - | *15950 | *15950 | *12740 | 10610 | *11260 | 7500 | - | - | 9860 | 6370 | 8288 | | | | |
| Arm : | 2,6m | 3,0 m kg | - | - | - | - | *19950 | 15430 | *14580 | 10100 | 11380 | 7260 | - | - | 9200 | 5900 | 8579 | | | | |
| | | 1,5 m kg | - | - | - | - | *22520 | 14670 | 15780 | 9670 | 11130 | 7040 | - | - | 9040 | 5770 | 8600 | | | | |
| Shoe : | 600mm | 0 m kg | - | - | - | - | *23070 | 14410 | 15490 | 9430 | 10970 | 6890 | - | - | 9370 | 5950 | 8351 | | | | |
| | | -1,5 m kg | - | - | - | - | *17930 | *17930 | *22250 | 14420 | 15420 | 9360 | 10950 | 6880 | - | - | 10340 | 6530 | 7807 | | |
| | | -3,0 m kg | - | - | - | - | *26840 | *26840 | *20070 | 14630 | *15200 | 9490 | - | - | - | *12570 | 7860 | 6898 | | | |
| CWT : | 6500kg | -4,5 m kg | - | - | - | - | *15500 | 15110 | - | - | - | - | - | - | *12300 | 11400 | 5439 | | | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | - | *10440 | 8570 | 7031 | | | | |
| | | 6,0 m kg | - | - | - | - | - | - | *11010 | 10990 | *10360 | 7650 | - | - | *10380 | 6880 | 7969 | | | | |
| Boom : | 6,45m | 4,5 m kg | - | - | - | - | *16120 | *16120 | *12600 | 10510 | *10980 | 7450 | - | - | 9360 | 6030 | 8543 | | | | |
| | | 3,0 m kg | - | - | - | - | - | - | *14480 | 9970 | 11310 | 7190 | - | - | 8750 | 5600 | 8826 | | | | |
| | | 1,5 m kg | - | - | - | - | - | - | *15630 | 9540 | 11040 | 6950 | - | - | 8610 | 5480 | 8846 | | | | |
| Arm : | 2,6m | 0 m kg | - | - | - | - | *22070 | 14220 | 15350 | 9300 | 10870 | 6800 | - | - | 8890 | 5630 | 8605 | | | | |
| | | -1,5 m kg | - | - | - | - | *14980 | *14980 | *22050 | 14260 | 15290 | 9240 | 10840 | 6770 | - | - | 9750 | 6150 | 8079 | | |
| | | -3,0 m kg | - | - | - | - | *26560 | *26560 | *20090 | 14470 | *15360 | 9360 | - | - | - | 11670 | 7300 | 7204 | | | |
| Shoe : | 600mm | -4,5 m kg | - | - | - | - | *21140 | *21140 | *16190 | 14910 | - | - | - | - | *12080 | 10170 | 5824 | | | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | *8870 | 7880 | - | - | - | *7750 | 7580 | 7663 | | | | |
| | | 6,0 m kg | - | - | - | - | - | - | - | *9530 | 7810 | - | - | - | *7540 | 6250 | 8531 | | | | |
| CWT : | 6500kg | 4,5 m kg | - | - | - | - | *14390 | *14390 | *11650 | 10730 | *10300 | 7580 | *8320 | 5620 | *7610 | 5550 | 9069 | | | | |
| | | 3,0 m kg | - | - | - | - | *18570 | 15570 | *13650 | 10150 | *11340 | 7290 | 8560 | 5500 | *7930 | 5180 | 9336 | | | | |
| | | 1,5 m kg | - | - | - | - | *21640 | 14630 | *15430 | 9650 | 11110 | 7010 | 8410 | 5360 | 7930 | 5060 | 9355 | | | | |
| CWT : | 6500kg | 0 m kg | - | - | - | - | *22810 | 14240 | 15400 | 9330 | 10890 | 6810 | 8310 | 5270 | 8150 | 5170 | 9127 | | | | |
| | | -1,5 m kg | - | - | - | - | *15470 | *15470 | *22570 | 14160 | 15250 | 9200 | 10790 | 6730 | - | - | 8810 | 5570 | 8633 | | |
| | | -3,0 m kg | *18020 | *18020 | *24440 | *24440 | *21150 | 14300 | 15300 | 9250 | 10860 | 6790 | - | - | 10240 | 6430 | 7822 | | | | |
| CWT : | 6500kg | -4,5 m kg | - | - | - | - | *24570 | *24570 | *18150 | 14640 | *13600 | 9500 | - | - | - | *11920 | 8390 | 6575 | | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | *8250 | 8170 | - | - | - | *6260 | *6260 | 8443 | | | | |
| | | 6,0 m kg | - | - | - | - | - | - | - | *8610 | 8040 | *7460 | 5880 | *6110 | 5600 | 9237 | | | | | |
| Boom : | 6,45m | 4,5 m kg | - | - | - | - | - | - | *10470 | *10470 | *9470 | 7760 | 8870 | 5770 | *6160 | 5030 | 9736 | | | | |
| | | 3,0 m kg | - | - | - | - | - | - | *16500 | 16050 | *12550 | 10370 | *10610 | 7420 | 8670 | 5590 | *6390 | 4720 | 9984 | | |
| | | 1,5 m kg | - | - | - | - | - | - | *20140 | 14830 | *14540 | 9760 | 11200 | 7080 | 8470 | 5410 | *6800 | 4600 | 10002 | | |
| CWT : | 6500kg | 0 m kg | - | - | - | - | *9650 | *9650 | *22140 | 14170 | 15410 | 9330 | 10910 | 6820 | 8320 | 5270 | 7360 | 4670 | 9789 | | |
| | | -1,5 m kg | *9850 | *9850 | *14680 | *14680 | *22620 | 13930 | 15150 | 9110 | 10740 | 6670 | 8240 | 5200 | 7840 | 4960 | 9331 | | | | |
| | | -3,0 m kg | *15310 | *15310 | *21180 | *21180 | *21860 | 13970 | 15120 | 9080 | 10730 | 6660 | - | - | 8860 | 5580 | 8587 | | | | |
| CWT : | 6500kg | -4,5 m kg | *21850 | *21850 | *27640 | *27640 | *19720 | 14240 | *14890 | 9240 | - | - | - | - | 10990 | 6880 | 7471 | | | | |
| | | 7,5 m kg | - | - | - | - | - | - | *10730 | *10730 | - | - | - | - | *10940 | 9610 | 6717 | | | | |
| | | 6,0 m kg | - | - | - | - | - | - | *11270 | *11270 | *10800 | 7970 | - | - | *10620 | 7620 | 7694 | | | | |
| Boom : | 6,2m | 4,5 m kg | - | - | - | - | - | - | *15950 | *15950 | *12740 | 11030 | *11260 | 7810 | - | - | 10210 | 6640 | 8288 | | |
| | | 3,0 m kg | - | - | - | - | - | - | *19950 | 16050 | *14580 | 10520 | 11780 | 7570 | - | - | 9530 | 6170 | 8579 | | |
| | | 1,5 m kg | - | - | - | - | - | - | *22520 | 15290 | *16130 | 10090 | 11530 | 7350 | - | - | 9370 | 6030 | 8600 | | |
| CWT : | 7050kg | 0 m kg | - | - | - | - | - | - | *23070 | 15040 | 16050 | 9840 | 11370 | 7210 | - | - | 9710 | 6220 | 8351 | | |
| | | -1,5 m kg | - | - | - | - | - | - | *17930 | *17930 | *22250 | 15050 | 15980 | 9780 | 11350 | 7190 | - | - | 10720 | 6830 | 7807 |
| | | -3,0 m kg | - | - | - | - | - | - | *26840 | *26840 | *20070 | 15260 | *15200 | 9910 | - | - | - | *12570 | 8210 | 6898 | |
| CWT : | 7050kg | -4,5 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | *12300 | 11880 | 5439 | | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | *10440 | 8910 | 7031 | | | |
| | | 6,0 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | *10380 | 7180 | 7969 | | | |
| Boom : | 6,45m | 4,5 m kg | - | - | - | - | - | - | - | *16120 | *16120 | *12600 | 10930 | *10980 | 7770 | - | - | 9700 | 6300 | 8543 | |
| | | 3,0 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | 9070 | 5860 | 8826 | | | |
| | | 1,5 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | 8930 | 5730 | 8846 | | | |
| CWT : | 7050kg | 0 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | 9220 | 5900 | 8605 | | | |
| | | -1,5 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | 10110 | 6430 | 8079 | | | |
| | | -3,0 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | 12090 | 7630 | 7204 | | | |
| CWT : | 7050kg | -4,5 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | *12080 | 10610 | 5824 | | | |

LIFTING CAPACITY EC380DLC

| | | 1,5 m | | 3,0 m | | 4,5 m | | 6,0 m | | 7,5 m | | 9,0 m | | Max. reach | | Max. | | |
|--------|--------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|-----------|---------|-------|------|
| | | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | mm | | |
| Boom : | 6,45m | 7,5 m kg | - | - | - | - | - | - | - | * 8870 | 8190 | - | - | - | * 7750 | * 7750 | 7663 | |
| | | 6,0 m kg | - | - | - | - | - | - | - | * 9530 | 8120 | - | - | - | * 7540 | 6520 | 8531 | |
| | | 4,5 m kg | - | - | - | - | * 14390 | * 14390 | * 11650 | 11150 | * 10300 | 7890 | * 8320 | 5870 | * 7610 | 5800 | 9069 | |
| Arm : | 3,2m | 3,0 m kg | - | - | - | - | * 18570 | 16200 | * 13650 | 10570 | * 11340 | 7600 | 8870 | 5750 | * 7930 | 5420 | 9336 | |
| | | 1,5 m kg | - | - | - | - | * 21640 | 15260 | * 15430 | 10070 | 11510 | 7330 | 8730 | 5610 | 8230 | 5300 | 9355 | |
| Shoe : | 600mm | 0 m kg | - | - | - | - | * 22810 | 14860 | 15950 | 9750 | 11290 | 7130 | 8630 | 5520 | 8450 | 5420 | 9127 | |
| | | -1,5 m kg | - | - | - | * 15470 | * 15470 | * 22570 | 14790 | 15800 | 9620 | 11200 | 7040 | - | - | 9140 | 5830 | 8633 |
| | | -3,0 m kg | * 18020 | * 18020 | * 24440 | * 24440 | * 21150 | 14920 | 15860 | 9670 | 11260 | 7110 | - | - | 10610 | 6730 | 7822 | |
| CWT : | 7050kg | -4,5 m kg | - | - | * 24570 | * 24570 | * 18150 | 15270 | * 13600 | 9920 | - | - | - | - | - | * 11920 | 8770 | 6575 |
| | | 7,5 m kg | - | - | - | - | - | - | - | * 8250 | * 8250 | - | - | - | * 6260 | * 6260 | 8443 | |
| | | 6,0 m kg | - | - | - | - | - | - | - | * 8610 | 8350 | * 7460 | 6130 | * 6110 | 5840 | 9237 | | |
| Boom : | 6,45m | 4,5 m kg | - | - | - | - | - | - | * 10470 | * 10470 | * 9470 | 8080 | * 8950 | 6020 | * 6160 | 5260 | 9736 | |
| | | 3,0 m kg | - | - | - | - | * 16500 | * 16500 | * 12550 | 10790 | * 10610 | 7730 | 8990 | 5840 | * 6390 | 4940 | 9984 | |
| | | 1,5 m kg | - | - | - | - | * 20140 | 15460 | * 14540 | 10180 | 11600 | 7400 | 8790 | 5660 | * 6800 | 4820 | 10002 | |
| Arm : | 3,9m | 0 m kg | - | - | * 9650 | * 9650 | * 22140 | 14790 | 15970 | 9750 | 11310 | 7130 | 8630 | 5520 | * 7480 | 4900 | 9789 | |
| | | -1,5 m kg | * 9850 | * 9850 | * 14680 | * 14680 | * 22620 | 14560 | 15710 | 9520 | 11140 | 6980 | 8560 | 5450 | 8140 | 5200 | 9331 | |
| | | -3,0 m kg | * 15310 | * 15310 | * 21180 | * 21180 | * 21860 | 14600 | 15670 | 9490 | 11130 | 6970 | - | - | 9190 | 5850 | 8587 | |
| Shoe : | 600mm | -4,5 m kg | * 21850 | * 21850 | * 27640 | * 27640 | * 19720 | 14860 | * 14890 | 9660 | - | - | - | - | - | * 11210 | 7190 | 7471 |
| | | 7,5 m kg | - | - | - | - | - | - | * 10730 | 9890 | - | - | - | - | - | * 10940 | 8140 | 6717 |
| | | 6,0 m kg | - | - | - | - | - | - | * 11270 | 9690 | * 10800 | 6730 | - | - | - | 10530 | 6430 | 7694 |
| CWT : | 7050kg | 4,5 m kg | - | - | - | - | * 15950 | 14330 | * 12740 | 9270 | 10850 | 6580 | - | - | 9200 | 5580 | 8288 | |
| | | 3,0 m kg | - | - | - | - | * 19950 | 13190 | * 14580 | 8780 | 10590 | 6340 | - | - | 8570 | 5160 | 8579 | |
| | | 1,5 m kg | - | - | - | - | * 22520 | 12470 | * 14570 | 8370 | 10340 | 6130 | - | - | 8420 | 5030 | 8600 | |
| Boom : | 6,2m | 0 m kg | - | - | - | - | * 23070 | 12230 | 14290 | 8130 | 10180 | 5990 | - | - | 8720 | 5170 | 8351 | |
| | | -1,5 m kg | - | - | * 17930 | * 17930 | * 22250 | 12240 | 14220 | 8080 | 10170 | 5970 | - | - | 9610 | 5680 | 7807 | |
| | | -3,0 m kg | - | - | * 26840 | 24630 | * 20070 | 12440 | 14370 | 8200 | - | - | - | - | 11660 | 6830 | 6898 | |
| Arm : | 2,6m | -4,5 m kg | - | - | - | - | * 15500 | 12900 | - | - | - | - | - | - | - | * 12300 | 9850 | 5439 |
| | | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | - | - | * 10440 | 7540 | 7031 |
| | | 6,0 m kg | - | - | - | - | - | - | * 11010 | 9640 | * 10360 | 6720 | - | - | 9920 | 6040 | 7969 | |
| Shoe : | 2,6m | 4,5 m kg | - | - | - | - | * 16120 | 14100 | * 12600 | 9180 | 10800 | 6530 | - | - | 8730 | 5270 | 8543 | |
| | | 3,0 m kg | - | - | - | - | - | - | * 14480 | 8650 | 10510 | 6270 | - | - | 8160 | 4890 | 8826 | |
| | | 1,5 m kg | - | - | - | - | - | - | * 14420 | 8240 | 10260 | 6050 | - | - | 8010 | 4770 | 8846 | |
| CWT : | 600mm | 0 m kg | - | - | - | - | * 22070 | 12050 | 14150 | 8010 | 10090 | 5900 | - | - | 8270 | 4890 | 8605 | |
| | | -1,5 m kg | - | - | * 14980 | * 14980 | * 22050 | 12090 | 14090 | 7960 | 10060 | 5870 | - | - | 9060 | 5340 | 8079 | |
| | | -3,0 m kg | - | - | * 26560 | 24440 | * 20090 | 12280 | 14220 | 8070 | - | - | - | - | - | 10830 | 6340 | 7204 |
| Boom : | 6,45m | -4,5 m kg | - | - | * 21140 | * 21140 | * 16190 | 12700 | - | - | - | - | - | - | - | * 12080 | 8800 | 5824 |
| | | 7,5 m kg | - | - | - | - | - | - | - | * 8870 | 6940 | - | - | - | * 7750 | 6670 | 7663 | |
| | | 6,0 m kg | - | - | - | - | - | - | - | * 9530 | 6870 | - | - | - | * 7540 | 5490 | 8531 | |
| Arm : | 3,2m | 4,5 m kg | - | - | - | - | * 14390 | * 14390 | * 11650 | 9380 | * 10300 | 6650 | 8120 | 4920 | * 7610 | 4850 | 9069 | |
| | | 3,0 m kg | - | - | - | - | * 18570 | 13320 | * 13650 | 8830 | 10620 | 6370 | 7980 | 4800 | 7530 | 4520 | 9336 | |
| | | 1,5 m kg | - | - | - | - | * 21640 | 12440 | 14550 | 8350 | 10320 | 6100 | 7840 | 4670 | 7390 | 4400 | 9355 | |
| Shoe : | 600mm | 0 m kg | - | - | - | - | * 22810 | 12060 | 14190 | 8040 | 10110 | 5910 | 7740 | 4580 | 7580 | 4490 | 9127 | |
| | | -1,5 m kg | - | - | * 15470 | * 15470 | * 22570 | 12000 | 14050 | 7920 | 10010 | 5830 | - | - | 8190 | 4830 | 8633 | |
| | | -3,0 m kg | * 18020 | * 18020 | * 24440 | 23990 | * 21150 | 12120 | 14100 | 7960 | 10080 | 5890 | - | - | 9510 | 5580 | 7822 | |
| CWT : | 7050kg | -4,5 m kg | - | - | * 24570 | * 24570 | * 18150 | 12440 | * 13600 | 8210 | - | - | - | - | - | * 11920 | 7280 | 6575 |
| | | 7,5 m kg | - | - | - | - | - | - | - | * 8250 | 7230 | - | - | - | * 6260 | 5820 | 8443 | |
| | | 6,0 m kg | - | - | - | - | - | - | - | * 8610 | 7090 | * 7460 | 5170 | * 6110 | 4920 | 9237 | | |
| Boom : | 6,45m | 4,5 m kg | - | - | - | - | - | - | * 10470 | 9670 | * 9470 | 6830 | 8280 | 5060 | * 6160 | 4400 | 9736 | |
| | | 3,0 m kg | - | - | - | - | * 16500 | 13770 | * 12550 | 9040 | * 10610 | 6490 | 8090 | 4890 | * 6390 | 4110 | 9984 | |
| | | 1,5 m kg | - | - | - | - | * 20140 | 12620 | * 14540 | 8450 | 10410 | 6160 | 7900 | 4710 | 6720 | 4000 | 10002 | |
| Shoe : | 600mm | 0 m kg | - | - | * 9650 | * 9650 | * 22140 | 11990 | 14210 | 8030 | 10120 | 5910 | 7740 | 4570 | 6850 | 4050 | 9789 | |
| | | -1,5 m kg | * 9850 | * 9850 | * 14680 | * 14680 | * 22620 | 11770 | 13950 | 7820 | 9960 | 5770 | 7670 | 4500 | 7300 | 4300 | 9331 | |
| | | -3,0 m kg | * 15310 | * 15310 | * 21180 | * 21180 | * 21860 | 11810 | 13920 | 7790 | 9940 | 5750 | - | - | 8240 | 4840 | 8587 | |
| CWT : | 7050kg | -4,5 m kg | * 21850 | * 21850 | * 27640 | 23750 | * 19720 | 12060 | 14100 | 7950 | - | - | - | - | - | 10200 | 5960 | 7471 |

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| | | 1,5 m | | 3,0 m | | 4,5 m | | 6,0 m | | 7,5 m | | 9,0 m | | Max. reach | | Max. | | | |
|--------|--------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|-----------|---------|--------|--------|------|
| | | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | mm | | | |
| Boom : | 6,5m | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | *12430 | 11410 | 7249 | | | |
| | | 6,0 m kg | - | - | - | - | - | - | *13390 | *13390 | *12350 | 10750 | - | - | *12280 | 9400 | 8143 | | |
| | 2,55m | 4,5 m kg | - | - | - | - | *19980 | *19980 | *15270 | 14580 | *13110 | 10490 | - | - | *12340 | 8380 | 8686 | | |
| | | 3,0 m kg | - | - | - | - | *24400 | 20930 | *17390 | 13930 | *14160 | 10170 | - | - | 12210 | 7880 | 8944 | | |
| | 600mm | 1,5 m kg | - | - | - | - | *17490 | *17490 | *19000 | 13450 | *15060 | 9900 | - | - | 12090 | 7770 | 8942 | | |
| | | 0 m kg | - | - | - | - | *25680 | 20090 | *19670 | 13200 | 15490 | 9740 | - | - | 12550 | 8030 | 8680 | | |
| CWT : | 9750kg | -1,5 m kg | - | - | *18840 | *18840 | *25280 | 20170 | *19250 | 13160 | *15070 | 9720 | - | - | *13470 | 8770 | 8132 | | |
| | | -3,0 m kg | - | - | *29180 | *29180 | *22630 | 20440 | *17440 | 13320 | - | - | - | - | *13600 | 10410 | 7231 | | |
| | | -4,5 m kg | - | - | - | - | *17530 | *17530 | - | - | - | - | - | - | *12950 | *12950 | 5813 | | |
| | 7,0m | 7,5 m kg | - | - | - | - | - | - | - | - | *11320 | 10850 | - | - | *11440 | 9960 | 7886 | | |
| | | 6,0 m kg | - | - | - | - | - | - | *13060 | *13060 | *11700 | 10690 | - | - | *11360 | 8410 | 8714 | | |
| | | 4,5 m kg | - | - | - | - | - | - | *15150 | 14310 | *12670 | 10360 | *11500 | 7890 | *11450 | 7580 | 9223 | | |
| Arm : | 2,55m | 3,0 m kg | - | - | - | - | - | - | *17330 | 13620 | *13820 | 10010 | *11980 | 7730 | 11130 | 7170 | 9466 | | |
| | | 1,5 m kg | - | - | - | - | - | - | *18870 | 13150 | *14770 | 9720 | 11850 | 7580 | 11020 | 7070 | 9464 | | |
| | 600mm | 0 m kg | - | - | - | - | - | - | *19450 | 12940 | *15270 | 9550 | 11760 | 7500 | 11380 | 7280 | 9217 | | |
| | | -1,5 m kg | - | - | - | - | *24720 | 19920 | *19090 | 12930 | *15100 | 9520 | - | - | 12370 | 7870 | 8703 | | |
| | 9750kg | -3,0 m kg | - | - | *27580 | *27580 | *22570 | 20160 | *17700 | 13070 | *13770 | 9670 | - | - | *12720 | 9120 | 7870 | | |
| | | -4,5 m kg | - | - | - | - | *18710 | *18710 | *14430 | 13460 | - | - | - | - | *12460 | 11890 | 6594 | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | - | *10010 | *10010 | - | - | *9800 | 8680 | 8709 | | |
| Shoe : | 7,0m | 6,0 m kg | - | - | - | - | - | - | - | - | *10630 | *10630 | *10190 | 8180 | *9600 | 7510 | 9463 | | |
| | | 4,5 m kg | - | - | - | - | - | - | *17950 | *17950 | *13760 | *13760 | *11740 | 10550 | *10670 | 8020 | *9680 | 6850 | |
| | 3,35m | 3,0 m kg | - | - | - | - | - | - | *22870 | 20940 | *16130 | 13910 | *13040 | 10150 | *11350 | 7810 | *10010 | 6510 | |
| | | 1,5 m kg | - | - | - | - | - | - | *15840 | *15840 | *18080 | 13320 | *14210 | 9810 | 11890 | 7610 | 9960 | 6410 | |
| | 600mm | 0 m kg | - | - | - | - | - | - | *19420 | *19420 | *19170 | 12980 | *15010 | 9570 | 11730 | 7470 | 10220 | 6550 | |
| | | -1,5 m kg | - | - | *14040 | *14040 | *25880 | 19700 | *19340 | 12860 | 15190 | 9460 | 11680 | 7430 | 10930 | 6980 | 9454 | | |
| | 9750kg | -3,0 m kg | - | - | *23900 | *23900 | *24290 | 19880 | *18570 | 12910 | *14630 | 9500 | - | - | *11980 | 7860 | 8694 | | |
| | | -4,5 m kg | - | - | *28410 | *28410 | *21330 | 20240 | *16470 | 13150 | *12380 | 9750 | - | - | *12190 | 9660 | 7562 | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | *9250 | 8300 | *7930 | 7850 | 9288 | |
| Arm : | 7,0m | 6,0 m kg | - | - | - | - | - | - | - | - | *9780 | *9780 | *9410 | 8220 | *7770 | 6870 | 9999 | | |
| | | 4,5 m kg | - | - | - | - | - | - | - | - | *12610 | *12610 | *10930 | 10600 | *9990 | 8020 | *7840 | 6300 | |
| | 3,9m | 3,0 m kg | - | - | - | - | - | - | *20840 | *20840 | *15060 | 14000 | *12300 | 10160 | *10760 | 7770 | *8090 | 5990 | |
| | | 1,5 m kg | - | - | - | - | - | - | *21560 | 20030 | *17210 | 13300 | *13600 | 9750 | *11530 | 7540 | *8570 | 5890 | |
| | 600mm | 0 m kg | - | - | - | - | - | - | *21410 | 19490 | *18610 | 12860 | *14560 | 9460 | 11630 | 7360 | *9320 | 6000 | |
| | | -1,5 m kg | * 9890 | * 9890 | * 14060 | * 14060 | * 25990 | 19360 | * 19130 | 12660 | * 15010 | 9300 | 11530 | 7270 | 9980 | 6340 | 9989 | | |
| | 9750kg | -3,0 m kg | * 16520 | * 16520 | * 21670 | * 21670 | * 24880 | 19470 | * 18740 | 12650 | * 14760 | 9280 | 11570 | 7310 | 11110 | 7040 | 9275 | | |
| | | -4,5 m kg | - | - | * 31060 | * 31060 | * 22520 | 19780 | * 17220 | 12830 | * 13380 | 9440 | - | - | * 11590 | 8410 | 8224 | | |
| | | -6,0 m kg | - | - | - | - | - | - | * 18130 | * 18130 | * 13640 | 13270 | - | - | - | * 11580 | 11500 | 6678 | |
| CWT : | 7,0m | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | * 7860 | * 7860 | * 7290 | 6870 | 10111 | |
| | | 6,0 m kg | - | - | - | - | - | - | - | - | - | - | - | * 8220 | * 8220 | * 7220 | 6090 | 10766 | |
| | 4,8m | 4,5 m kg | - | - | - | - | - | - | - | - | - | - | - | * 9570 | * 9570 | * 8910 | 8070 | * 7320 | 5610 |
| | | 3,0 m kg | - | - | - | - | - | - | * 17570 | * 17570 | * 13220 | * 13220 | * 11040 | 10240 | * 9780 | 7780 | * 7570 | 5330 | |
| | 600mm | 1,5 m kg | - | - | - | - | - | - | * 21990 | 20380 | * 15670 | 13410 | * 12510 | 9760 | * 10680 | 7480 | * 8020 | 5230 | |
| | | 0 m kg | - | - | - | - | - | - | * 24650 | 19410 | * 17530 | 12790 | * 13720 | 9370 | * 11460 | 7240 | 8380 | 5290 | |
| | 9750kg | -1,5 m kg | * 9580 | * 9580 | * 14230 | * 14230 | * 25660 | 19010 | * 18570 | 12440 | * 14500 | 9110 | 11340 | 7080 | 8800 | 5530 | 10758 | | |
| | | -3,0 m kg | * 14660 | * 14660 | * 19870 | * 19870 | * 25380 | 18950 | * 18750 | 12320 | * 14700 | 9010 | 11280 | 7030 | 9620 | 6040 | 10098 | | |
| | | -4,5 m kg | * 20520 | * 20520 | * 27230 | * 27230 | * 23910 | 19140 | * 17970 | 12390 | * 14090 | 9060 | * 11110 | 7120 | * 10820 | 6980 | 9145 | | |
| | | -6,0 m kg | - | - | * 29270 | * 29270 | * 20870 | 19580 | * 15820 | 12670 | * 12010 | 9320 | - | - | * 11290 | 8890 | 7787 | | |

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| | | 1,5 m | | 3,0 m | | 4,5 m | | 6,0 m | | 7,5 m | | 9,0 m | | Max. reach | | Max. | | | |
|--------|--------|-----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|-----------|--------|--------|-------|-------|
| | | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | Along UC | Across UC | mm | | | |
| Boom : | 6,5m | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | *12430 | 11500 | 7249 | | | |
| | | 6,0 m kg | - | - | - | - | - | - | *13390 | *13390 | *12350 | 10840 | - | - | *12280 | 9480 | 8143 | | |
| | 2,55m | 4,5 m kg | - | - | - | - | *19980 | *19980 | *15270 | 14700 | *13110 | 10580 | - | - | *12340 | 8450 | 8686 | | |
| | | 3,0 m kg | - | - | - | - | *24400 | 21120 | *17390 | 14060 | *14160 | 10270 | - | - | 12330 | 7960 | 8944 | | |
| | 700mm | 1,5 m kg | - | - | - | - | *17490 | *17490 | *19000 | 13570 | *15060 | 9990 | - | - | 12210 | 7840 | 8942 | | |
| | | 0 m kg | - | - | - | - | *25680 | 20270 | *19670 | 13320 | *15490 | 9830 | - | - | 12680 | 8100 | 8680 | | |
| CWT : | 9750kg | -1,5 m kg | - | - | *18840 | *18840 | *25280 | 20350 | *19250 | 13280 | *15070 | 9810 | - | - | *13470 | 8860 | 8132 | | |
| | | -3,0 m kg | - | - | *29180 | *29180 | *22630 | 20620 | *17440 | 13450 | - | - | - | - | *13600 | 10500 | 7231 | | |
| | | -4,5 m kg | - | - | - | - | *17530 | *17530 | - | - | - | - | - | - | *12950 | *12950 | 5813 | | |
| | 7,0m | 7,5 m kg | - | - | - | - | - | - | - | - | *11320 | 10940 | - | - | *11440 | 10050 | 7886 | | |
| | | 6,0 m kg | - | - | - | - | - | - | *13060 | *13060 | *11700 | 10780 | - | - | *11360 | 8490 | 8714 | | |
| | | 4,5 m kg | - | - | - | - | - | - | *15150 | 14430 | *12670 | 10450 | *11500 | 7960 | *11450 | 7650 | 9223 | | |
| Arm : | 2,55m | 3,0 m kg | - | - | - | - | - | - | *17330 | 13740 | *13820 | 10100 | *11980 | 7800 | 11240 | 7240 | 9466 | | |
| | | 1,5 m kg | - | - | - | - | - | - | *18870 | 13280 | *14770 | 9810 | 11970 | 7660 | 11130 | 7140 | 9464 | | |
| | 700mm | 0 m kg | - | - | - | - | - | - | *19450 | 13070 | *15270 | 9650 | 11880 | 7580 | 11500 | 7350 | 9217 | | |
| | | -1,5 m kg | - | - | - | - | *24720 | 20100 | *19090 | 13050 | *15100 | 9620 | - | - | 12490 | 7950 | 8703 | | |
| | 9750kg | -3,0 m kg | - | - | *27580 | *27580 | *22570 | 20340 | *17700 | 13200 | *13770 | 9760 | - | - | *12720 | 9200 | 7870 | | |
| | | -4,5 m kg | - | - | - | - | *18710 | *18710 | *14430 | 13580 | - | - | - | - | *12460 | 12000 | 6594 | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | - | *10010 | *10010 | - | - | *9800 | 8760 | 8709 | | |
| Shoe : | 7,0m | 6,0 m kg | - | - | - | - | - | - | - | - | *10630 | *10630 | *10190 | 8250 | *9600 | 7580 | 9463 | | |
| | | 4,5 m kg | - | - | - | - | - | - | *17950 | *17950 | *13760 | *13760 | *11740 | 10640 | *10670 | 8090 | *9680 | 6920 | 9933 |
| | 3,35m | 3,0 m kg | - | - | - | - | - | - | *22870 | 21120 | *16130 | 14030 | *13040 | 10240 | *11350 | 7880 | *10010 | 6570 | 10159 |
| | | 1,5 m kg | - | - | - | - | - | - | *15840 | *15840 | *18080 | 13440 | *14210 | 9900 | 12010 | 7690 | 10060 | 6470 | 10158 |
| | 700mm | 0 m kg | - | - | - | - | - | - | *19420 | *19420 | *19170 | 13100 | *15010 | 9660 | 11860 | 7550 | 10320 | 6620 | 9928 |
| | | -1,5 m kg | - | - | *14040 | *14040 | *25880 | 19890 | *19340 | 12980 | *15220 | 9550 | 11810 | 7500 | 11040 | 7050 | 9454 | | |
| CWT : | 9750kg | -3,0 m kg | - | - | *23900 | *23900 | *24290 | 20060 | *18570 | 13040 | *14630 | 9590 | - | - | *11980 | 7940 | 8694 | | |
| | | -4,5 m kg | - | - | *28410 | *28410 | *21330 | 20420 | *16470 | 13270 | *12380 | 9840 | - | - | *12190 | 9750 | 7562 | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | *9250 | 8380 | *7930 | 7920 | 9288 | |
| | 7,0m | 6,0 m kg | - | - | - | - | - | - | - | - | *9780 | *9780 | *9410 | 8290 | *7770 | 6930 | 9999 | | |
| | | 4,5 m kg | - | - | - | - | - | - | *12610 | *12610 | *10930 | 10690 | *9990 | 8090 | *7840 | 6360 | 10444 | | |
| | | 3,0 m kg | - | - | - | - | *20840 | *20840 | *15060 | 14120 | *12300 | 10250 | *10760 | 7850 | *8090 | 6050 | 10659 | | |
| Arm : | 3,9m | 1,5 m kg | - | - | - | - | *21560 | 20220 | *17210 | 13430 | *13600 | 9850 | *11530 | 7610 | *8570 | 5950 | 10657 | | |
| | | 0 m kg | - | - | - | - | *21410 | 19680 | *18610 | 12980 | *14560 | 9550 | 11750 | 7440 | *9320 | 6060 | 10439 | | |
| | 700mm | -1,5 m kg | *9890 | *9890 | *14060 | *14060 | *25990 | 19550 | *19130 | 12780 | *15010 | 9390 | 11650 | 7340 | 10080 | 6410 | 9989 | | |
| | | -3,0 m kg | *16520 | *16520 | *21670 | *21670 | *24880 | 19650 | *18740 | 12770 | *14760 | 9380 | 11690 | 7380 | 11230 | 7110 | 9275 | | |
| | 9750kg | -4,5 m kg | - | - | *31060 | *31060 | *22520 | 19960 | *17220 | 12950 | *13380 | 9530 | - | - | *11590 | 8490 | 8224 | | |
| | | -6,0 m kg | - | - | - | - | *18130 | *18130 | *13640 | 13390 | - | - | - | - | *11580 | *11580 | 6678 | | |
| | | 7,5 m kg | - | - | - | - | - | - | - | - | - | - | - | *7860 | *7860 | *7290 | 6930 | 10111 | |
| Shoe : | 7,0m | 6,0 m kg | - | - | - | - | - | - | - | - | - | - | - | *8220 | *8220 | *7220 | 6150 | 10766 | |
| | | 4,5 m kg | - | - | - | - | - | - | - | - | *9570 | *9570 | *8910 | 8140 | *7320 | 5660 | 11181 | | |
| | 4,8m | 3,0 m kg | - | - | - | - | *17570 | *17570 | *13220 | *13220 | *11040 | 10330 | *9780 | 7850 | *7570 | 5390 | 11382 | | |
| | | 1,5 m kg | - | - | - | - | *21990 | 20560 | *15670 | 13540 | *12510 | 9850 | *10680 | 7560 | *8020 | 5290 | 11380 | | |
| | 700mm | 0 m kg | - | - | - | - | *24650 | 19600 | *17530 | 12920 | *13720 | 9460 | *11460 | 7310 | 8470 | 5350 | 11176 | | |
| | | -1,5 m kg | *9580 | *9580 | *14230 | *14230 | *25660 | 19190 | *18570 | 12560 | *14500 | 9200 | 11470 | 7150 | 8890 | 5590 | 10758 | | |
| CWT : | 9750kg | -3,0 m kg | *14660 | *14660 | *19870 | *19870 | *25380 | 19130 | *18750 | 12440 | *14700 | 9100 | 11400 | 7100 | 9720 | 6100 | 10098 | | |
| | | -4,5 m kg | *20520 | *20520 | *27230 | *27230 | *23910 | 19320 | *17970 | 12510 | *14090 | 9150 | *11110 | 7190 | *10820 | 7050 | 9145 | | |
| | 7,0m | -6,0 m kg | - | - | *29270 | *29270 | *20870 | 19760 | *15820 | 12790 | *12010 | 9420 | - | - | *11290 | 8980 | 7787 | | |

SPECIFICATIONS.

LIFTING CAPACITY EC480D mechanically retractable width

| | | 1,5 m | | 3,0 m | | 4,5 m | | 6,0 m | | 7,5 m | | 9,0 m | | Max. reach | | Max. | | | | | |
|------------------------------------|--------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|-----------|--------|--------|---------|---------|-------|-------|
| | | Along UC | Across UC | Along UC | Across UC | mm | | | | | |
| UC: mechanically retractable width | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *12430 | 12130 | 7249 | | | | |
| | 6,0 m | kg | - | - | - | - | - | - | *13390 | *13390 | *12350 | 11440 | - | - | *12280 | 10000 | 8143 | | | | |
| | 4,5 m | kg | - | - | - | - | - | *19980 | *19980 | *15270 | *15270 | *13110 | 11180 | - | - | *12340 | 8920 | 8686 | | | |
| | 3,0 m | kg | - | - | - | - | - | *24400 | 22580 | *17390 | 14910 | *14160 | 10850 | - | - | 12380 | 8410 | 8944 | | | |
| | 1,5 m | kg | - | - | - | - | - | *17490 | *17490 | *19000 | 14410 | *15060 | 10580 | - | - | 12260 | 8290 | 8942 | | | |
| | 0 m | kg | - | - | - | - | - | *25680 | 21720 | *19670 | 14160 | *15490 | 10410 | - | - | 12730 | 8570 | 8680 | | | |
| | -1,5 m | kg | - | - | - | - | - | *18840 | *18840 | *25280 | 21800 | *19250 | 14120 | *15070 | 10400 | - | - | *13470 | 9370 | 8132 | |
| | -3,0 m | kg | - | - | - | - | - | *29180 | *29180 | *22630 | 22080 | *17440 | 14290 | - | - | - | *13600 | 11120 | 7231 | | |
| | -4,5 m | kg | - | - | - | - | - | *17530 | *17530 | - | - | - | - | - | - | - | *12950 | *12950 | 5813 | | |
| UC: mechanically retractable width | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *11320 | *11320 | - | - | *11440 | 10600 | 7886 |
| | 6,0 m | kg | - | - | - | - | - | - | *13060 | *13060 | *11700 | 11370 | - | - | - | *11360 | 8960 | 8714 | | | |
| | 4,5 m | kg | - | - | - | - | - | - | *15150 | *15150 | *12670 | 11050 | *11500 | 8410 | *11450 | 8090 | 9223 | | | | |
| | 3,0 m | kg | - | - | - | - | - | - | *17330 | 14590 | *13820 | 10690 | *11980 | 8250 | 11290 | 7660 | 9466 | | | | |
| | 1,5 m | kg | - | - | - | - | - | - | *18870 | 14120 | *14770 | 10400 | 12020 | 8100 | 11180 | 7560 | 9464 | | | | |
| | 0 m | kg | - | - | - | - | - | - | *19450 | 13900 | *15270 | 10230 | 11930 | 8020 | 11550 | 7780 | 9217 | | | | |
| | -1,5 m | kg | - | - | - | - | - | - | *24720 | 21540 | *19090 | 13880 | *15100 | 10200 | - | - | *12530 | 8420 | 8703 | | |
| | -3,0 m | kg | - | - | - | - | - | - | *27580 | *27580 | *22570 | 21790 | *17700 | 14040 | *13770 | 10340 | - | - | *12720 | 9750 | 7870 |
| | -4,5 m | kg | - | - | - | - | - | - | *18710 | *18710 | *14430 | 14430 | - | - | - | - | - | *12460 | *12460 | 6594 | |
| UC: mechanically retractable width | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *10010 | *10010 | - | - | *9800 | 9230 | 8709 |
| | 6,0 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *10630 | *10630 | *10190 | 8700 | *9600 | 8000 | 9463 |
| | 4,5 m | kg | - | - | - | - | - | - | *17950 | *17950 | *13760 | *13760 | *11740 | 11230 | *10670 | 8540 | *9680 | 7310 | 9933 | | |
| | 3,0 m | kg | - | - | - | - | - | - | *22870 | 22590 | *16130 | 14880 | *13040 | 10830 | *11350 | 8330 | *10010 | 6950 | 10159 | | |
| | 1,5 m | kg | - | - | - | - | - | - | *15840 | *15840 | *18080 | 14290 | *14210 | 10480 | *12010 | 8130 | 10100 | 6850 | 10158 | | |
| | 0 m | kg | - | - | - | - | - | - | *19420 | *19420 | *19170 | 13940 | *15010 | 10240 | 11900 | 7990 | 10370 | 7000 | 9928 | | |
| | -1,5 m | kg | - | - | - | - | - | - | *14040 | *14040 | *25880 | 21320 | *19340 | 13820 | *15220 | 10130 | 11860 | 7950 | 11090 | 7460 | 9454 |
| | -3,0 m | kg | - | - | - | - | - | - | *23900 | *23900 | *24290 | 21500 | *18570 | 13870 | *14630 | 10170 | - | - | *11980 | 8410 | 8694 |
| | -4,5 m | kg | - | - | - | - | - | - | *28410 | *28410 | *21330 | *21330 | *16470 | 14120 | *12380 | 10430 | - | - | *12190 | 10320 | 7562 |
| UC: mechanically retractable width | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *9250 | 8830 | *7930 | *7930 | 9288 | | |
| | 6,0 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *9780 | *9780 | *9410 | 8740 | *7770 | 7320 | 9999 |
| | 4,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *12610 | *12610 | *10930 | *10930 | *9990 | 8540 | *7840 |
| | 3,0 m | kg | - | - | - | - | - | - | *20840 | *20840 | *15060 | 14980 | *12300 | 10840 | *10760 | 8300 | *8090 | 6400 | 10659 | | |
| | 1,5 m | kg | - | - | - | - | - | - | *21560 | *21560 | *17210 | 14270 | *13600 | 10430 | *11530 | 8060 | *8570 | 6310 | 10657 | | |
| | 0 m | kg | - | - | - | - | - | - | *21410 | 21110 | *18610 | 13820 | *14560 | 10130 | 11800 | 7880 | *9320 | 6420 | 10439 | | |
| | -1,5 m | kg | * 9890 | * 9890 | * 14060 | * 14060 | * 25990 | 20980 | * 19130 | 13610 | * 15010 | 9970 | 11700 | 7790 | 10130 | 6790 | 9989 | | | | |
| | -3,0 m | kg | * 16520 | * 16520 | * 21670 | * 21670 | * 24880 | 21090 | * 18740 | 13610 | * 14760 | 9960 | 11740 | 7820 | * 11250 | 7540 | 9275 | | | | |
| | -4,5 m | kg | - | - | - | - | - | - | * 31060 | * 31060 | * 22520 | 21410 | * 17220 | 13790 | * 13380 | 10120 | - | - | * 11590 | 9000 | 8224 |
| UC: mechanically retractable width | -6,0 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | * 11580 | * 11580 | 6678 | |
| | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | * 7860 | * 7860 | * 7290 | * 7290 | 10111 | | |
| | 6,0 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | * 8220 | * 8220 | * 7220 | 6500 | 10766 | | |
| | 4,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | * 9570 | * 9570 | * 8910 | 8600 | * 7320 | 6000 | 11181 |
| | 3,0 m | kg | - | - | - | - | - | - | * 17570 | * 17570 | * 13220 | * 13220 | * 11040 | 10930 | * 9780 | 8300 | * 7570 | 5710 | 11382 | | |
| | 1,5 m | kg | - | - | - | - | - | - | * 21990 | * 21990 | * 15670 | 14390 | * 12510 | 10440 | * 10680 | 8010 | * 8020 | 5610 | 11380 | | |
| | 0 m | kg | - | - | - | - | - | - | * 24650 | 21040 | * 17530 | 13760 | * 13720 | 10040 | * 11460 | 7760 | 8510 | 5680 | 11176 | | |
| | -1,5 m | kg | * 9580 | * 9580 | * 14230 | * 14230 | * 25660 | 20620 | * 18570 | 13400 | * 14500 | 9790 | 11510 | 7600 | 8930 | 5940 | 10758 | | | | |
| | -3,0 m | kg | * 14660 | * 14660 | * 19870 | * 19870 | * 25380 | 20560 | * 18750 | 13270 | * 14700 | 9680 | 11450 | 7540 | 9770 | 6480 | 10098 | | | | |
| UC: mechanically retractable width | -4,5 m | kg | * 20520 | * 20520 | * 27230 | * 27230 | * 23910 | 20760 | * 17970 | 13350 | * 14090 | 9730 | * 11110 | 7640 | * 10820 | 7490 | 9145 | | | | |
| | -6,0 m | kg | - | - | - | - | - | - | * 29270 | * 29270 | * 20870 | * 15820 | 13630 | * 12010 | 10000 | - | - | * 11290 | 9530 | 7787 | |

LIFTING CAPACITY EC480D mechanically retractable width

| | | 1,5 m | | 3,0 m | | 4,5 m | | 6,0 m | | 7,5 m | | 9,0 m | | Max. reach | | Max. | | | | | | | |
|------------------------------------|--------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|-----------|--------|---------|---------|---------|-------|-------|------|-------|
| | | Along UC | Across UC | Along UC | Across UC | mm | | | | | | | |
| UC: mechanically retractable width | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *12430 | 12280 | 7249 | | | | | | |
| | 6,0 m | kg | - | - | - | - | - | - | *13390 | *13390 | *12350 | 11570 | - | - | *12280 | 10130 | 8143 | | | | | | |
| | 4,5 m | kg | - | - | - | - | - | *19980 | *19980 | *15270 | *15270 | *13110 | 11310 | - | - | *12340 | 9040 | 8686 | | | | | |
| | 3,0 m | kg | - | - | - | - | - | *24400 | 22860 | *17390 | 15090 | *14160 | 10990 | - | - | *12540 | 8520 | 8944 | | | | | |
| | 1,5 m | kg | - | - | - | - | - | *17490 | *17490 | *19000 | 14600 | *15060 | 10710 | - | - | 12430 | 8400 | 8942 | | | | | |
| | 0 m | kg | - | - | - | - | - | *25680 | 21990 | *19670 | 14340 | *15490 | 10550 | - | - | 12910 | 8690 | 8680 | | | | | |
| | -1,5 m | kg | - | - | - | - | - | *18840 | *18840 | *25280 | 22080 | *19250 | 14300 | *15070 | 10530 | - | - | *13470 | 9500 | 8132 | | | |
| | -3,0 m | kg | - | - | - | - | - | *29180 | *29180 | *22630 | 22350 | *17440 | 14470 | - | - | - | *13600 | 11270 | 7231 | | | | |
| | -4,5 m | kg | - | - | - | - | - | *17530 | *17530 | - | - | - | - | - | - | *12950 | *12950 | 5813 | | | | | |
| UC: mechanically retractable width | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *11440 | 10730 | 7886 | | | | | | |
| | 6,0 m | kg | - | - | - | - | - | - | *13060 | *13060 | *11700 | 11510 | - | - | *11360 | 9070 | 8714 | | | | | | |
| | 4,5 m | kg | - | - | - | - | - | - | *15150 | *15150 | *12670 | 11180 | *11500 | 8520 | *11450 | 8190 | 9223 | | | | | | |
| | 3,0 m | kg | - | - | - | - | - | - | *17330 | 14780 | *13820 | 10830 | *11980 | 8360 | 11450 | 7760 | 9466 | | | | | | |
| | 1,5 m | kg | - | - | - | - | - | - | *18870 | 14300 | *14770 | 10540 | 12190 | 8210 | 11340 | 7660 | 9464 | | | | | | |
| | 0 m | kg | - | - | - | - | - | - | *19450 | 14090 | *15270 | 10370 | 12100 | 8130 | 11720 | 7890 | 9217 | | | | | | |
| | -1,5 m | kg | - | - | - | - | - | - | *24720 | 21820 | *19090 | 14070 | *15100 | 10330 | - | - | *12530 | 8530 | 8703 | | | | |
| | -3,0 m | kg | - | - | - | - | - | - | *27580 | *27580 | *22570 | 22070 | *17700 | 14220 | *13770 | 10480 | - | - | *12720 | 9880 | 7870 | | |
| | -4,5 m | kg | - | - | - | - | - | - | *18710 | *18710 | *14430 | *14430 | - | - | - | - | *12460 | *12460 | 6594 | | | | |
| UC: mechanically retractable width | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *9800 | 9340 | 8709 | | | | | | |
| | 6,0 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *10630 | *10630 | 8810 | *9600 | 8100 | 9463 | | | |
| | 4,5 m | kg | - | - | - | - | - | - | *17950 | *17950 | *13760 | *13760 | *11740 | 11370 | *10670 | 8650 | *9680 | 7400 | 9933 | | | | |
| | 3,0 m | kg | - | - | - | - | - | - | *22870 | 22870 | *16130 | 15070 | *13040 | 10970 | *11350 | 8440 | *10010 | 7040 | 10159 | | | | |
| | 1,5 m | kg | - | - | - | - | - | - | *15840 | *15840 | *18080 | 14470 | *14210 | 10620 | *12010 | 8240 | 10250 | 6940 | 10158 | | | | |
| | 0 m | kg | - | - | - | - | - | - | *19420 | *19420 | *19170 | 14120 | *15010 | 10380 | 12080 | 8100 | 10520 | 7100 | 9928 | | | | |
| | -1,5 m | kg | - | - | - | - | - | - | *14040 | *14040 | *25880 | 21600 | *19340 | 14000 | *15220 | 10270 | 12030 | 8060 | 11250 | 7570 | 9454 | | |
| | -3,0 m | kg | - | - | - | - | - | - | *23900 | *23900 | *24290 | 21780 | *18570 | 14060 | *14630 | 10310 | - | - | *11980 | 8520 | 8694 | | |
| | -4,5 m | kg | - | - | - | - | - | - | *28410 | *28410 | *21330 | *21330 | *16470 | 14300 | *12380 | 10570 | - | - | *12190 | 10460 | 7562 | | |
| UC: mechanically retractable width | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *9250 | 8940 | *7930 | *7930 | 9288 | | | | |
| | 6,0 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *9780 | *9780 | *9410 | 8850 | *7770 | 7420 | 9999 | | |
| | 4,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | *12610 | *12610 | *10930 | *10930 | *9990 | 8650 | *7840 | 6820 | 10444 |
| | 3,0 m | kg | - | - | - | - | - | - | *20840 | *20840 | *15060 | *15060 | *12300 | 10980 | *10760 | 8410 | *8090 | 6490 | 10659 | | | | |
| | 1,5 m | kg | - | - | - | - | - | - | *21560 | *21560 | *17210 | 14460 | *13600 | 10570 | *11530 | 8170 | *8570 | 6390 | 10657 | | | | |
| | 0 m | kg | - | - | - | - | - | - | *21410 | 21390 | *18610 | 14000 | *14560 | 10270 | 11970 | 7990 | *9320 | 6510 | 10439 | | | | |
| | -1,5 m | kg | * 9890 | * 9890 | * 14060 | * 14060 | * 25990 | 21260 | * 19130 | 13800 | * 15010 | 10110 | 11870 | 7900 | 10280 | 6890 | 9989 | | | | | | |
| | -3,0 m | kg | * 16520 | * 16520 | * 21670 | * 21670 | * 24880 | 21370 | * 18740 | 13790 | * 14760 | 10090 | * 11800 | 7930 | * 11250 | 7650 | 9275 | | | | | | |
| | -4,5 m | kg | - | - | - | - | - | - | * 31060 | * 31060 | * 22520 | 21680 | * 17220 | 13970 | * 13380 | 10250 | - | - | * 11590 | 9120 | 8224 | | |
| UC: mechanically retractable width | -6,0 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | - | - | * 11580 | * 11580 | 6678 | | | | |
| | 7,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | * 7860 | * 7860 | * 7290 | * 7290 | 10111 | | | | |
| | 6,0 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | * 8220 | * 8220 | * 7220 | 6590 | 10766 | | | | |
| | 4,5 m | kg | - | - | - | - | - | - | - | - | - | - | - | - | * 9570 | * 9570 | * 8910 | 8710 | * 7320 | 6080 | 11181 | | |
| | 3,0 m | kg | - | - | - | - | - | - | * 17570 | * 17570 | * 13220 | * 13220 | * 11040 | * 11040 | * 9780 | 8410 | * 7570 | 5800 | 11382 | | | | |
| | 1,5 m | kg | - | - | - | - | - | - | * 21990 | * 21990 | * 15670 | 14570 | * 12510 | 10580 | * 10680 | 8120 | * 8020 | 5690 | 11380 | | | | |
| | 0 m | kg | - | - | - | - | - | - | * 24650 | 21310 | * 17530 | 13940 | * 13720 | 10180 | * 11460 | 7870 | 8640 | 5760 | 11176 | | | | |
| | -1,5 m | kg | * 9580 | * 9580 | * 14230 | * 14230 | * 25660 | 20900 | * 18570 | 13580 | * 14500 | 9920 | 11680 | 7710 | 9070 | 6030 | 10758 | | | | | | |
| | -3,0 m | kg | * 14660 | * 14660 | * 19870 | * 19870 | * 25380 | 20840 | * 18750 | 13460 | * 14700 | 9820 | 11620 | 7650 | 9910 | 6580 | 10098 | | | | | | |
| UC: mechanically retractable width | -4,5 m | kg | * 20520 | * 20520 | * 27230 | * 27230 | * 23910 | 21030 | * 17970 | 13530 | * 14090 | 9870 | * 11110 | 7750 | * 10820 | 7600 | 9145 | | | | | | |
| | -6,0 m | kg | - | - | - | - | - | - | * 29270 | * 29270 | * 20870 | 13820 | * 12010 | 10140 | - | - | * 11290 | 9660 | 7787 | | | | |

EQUIPMENT.

STANDARD EQUIPMENT

| | EC380D | EC480D |
|--|---------------|---------------|
| Engine | | |
| Turbocharged, 4 stroke diesel engine with water cooling, direct injection and charged air cooler that meets Tier 4i EU (Stage IIIB) requirements | • | • |
| Air filter with indicator | • | • |
| Air intake heater | • | • |
| Cyclone pre-cleaner | • | • |
| Electric engine shut-off | • | • |
| Fuel filter and water separator | • | • |
| Fuel filler pump: 50 l/min, with automatic shut-off | • | • |
| 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 LCD color monitor | • | • |
| Master electrical disconnect switch | • | • |
| Engine restart prevention circuit | • | • |
| High-capacity halogen lights: | • | • |
| - Frame-mounted 2 | • | • |
| - Boom-mounted 2 | • | • |
| Batteries, 2 x 12 V / 200 Ah | • | • |
| Start motor, 24 V / 7 kW | • | • |
| Hydraulic system | | |
| Hose rupture valve: boom | • | • |
| Overload warning device | • | • |
| Automatic sensing hydraulic system | • | • |
| - 2-pump flow bucket circuit | • | • |
| - Summation system | • | • |
| - Boom priority | • | • |
| - Arm priority | • | • |
| - Swing priority | • | • |
| Boom, arm and bucket regeneration valves | • | • |
| Swing anti-rebound valves | • | • |
| Boom and arm holding valves | • | • |
| Multi-stage filtering system | • | • |
| Cylinder cushioning | • | • |
| Cylinder contamination seals | • | • |
| Auxiliary hydraulic valve | • | • |
| Automatic two-speed travel motors | • | • |
| Hydraulic oil, ISO VG 46 | • | • |
| Frame | | |
| Access way with handrail | • | • |
| Tool storage area | • | • |
| Punched metal anti-slip plates | • | • |
| Undercover (heavy-duty) | • | • |
| Cab and interior | | |
| ROPS (ISO12117-2) certified cab | • | • |
| Silicon oil and rubber mounts with spring | • | • |
| Travel pedals and hand levers | • | • |
| Adjustable operator seat and joystick control console | • | • |
| Control joysticks with 4 switches each | • | • |
| Heater & air-conditioner, automatic | • | • |

| | EC380D | EC480D |
|---|---------------|---------------|
| Flexible antenna | | |
| AM/FM stereo with CD player and MP3 input | • | • |
| Hydraulic safety lock lever | • | • |
| Cab, all-weather sound suppressed, includes: | • | • |
| - Cup holders | • | • |
| - Door locks | • | • |
| - Tinted glass | • | • |
| - Floor mat | • | • |
| - Horn | • | • |
| - Large storage area | • | • |
| - Pull-up type front window | • | • |
| - Removable lower windshield | • | • |
| - Seat belt | • | • |
| - Safety glass | • | • |
| - Sun screens, front, roof, rear | • | • |
| - Rain shield | • | • |
| - Windshield wiper with intermittent feature | • | • |
| Rear view camera | • | • |
| Master key | • | • |
| Undercarriage | | |
| Undercover (heavy-duty) | • | • |
| Hydraulic track adjusters | • | • |
| Greased and sealed track link | • | • |
| Track Guard | • | • |
| Track shoes | | |
| 600 mm with triple grousers | • | • |
| 700 mm with triple grousers | • | • |
| Digging equipment | | |
| Boom: 6,45 m HD | • | • |
| Boom: 7,0 m HD | • | • |
| Arm: 3,2 m HD | • | • |
| Arm: 3,35 m HD | • | • |
| Manual centralized lubrication | • | • |
| OPTIONAL EQUIPMENT | | |
| | EC380D | EC480D |
| Engine | | |
| Block heater: 120 V, 240 V | • | • |
| Oil bath pre-cleaner | • | • |
| Diesel coolant heater, 10 kW | • | • |
| Water separator with heater | • | • |
| Auto engine shutdown | • | • |
| Electric | | |
| Extra lights: | • | • |
| - Cab-mounted 3 | • | • |
| - Boom-mounted 2 | • | • |
| - Counterweight-mounted 1 | • | • |
| Travel alarm | • | • |
| Anti-theft system | • | • |
| Rotating warning beacon | • | • |
| Hydraulic system | | |
| Hose rupture valve: arm | • | • |
| Boom float function | • | • |
| Hydraulic piping: | • | • |
| - Work tool management system (up to 20 programmable memories) | • | • |
| - Hammer & shear, 1 and 2 pump flow | • | • |
| - Hammer & shear: variable flow and pressure pre-setting | • | • |

OPTIONAL EQUIPMENT

| | EC380D | EC480D |
|--|--------|--------|
| - Additional return filter | • | • |
| - Slope & rotator | • | • |
| - Grapple | • | • |
| - Oil leak (drain) line | • | • |
| - Quick coupler piping | • | • |
| Volvo hydraulic quick coupler S3 | • | • |
| Volvo hydraulic quick coupler U36 | • | • |
| Volvo hydraulic quick coupler U46 | • | • |
| Hydraulic oil, ISO VG 32 | • | • |
| Hydraulic oil, ISO VG 46 | • | • |
| Hydraulic oil, ISO VG 68 | • | • |
| Hydraulic oil, biodegradable 46 | • | • |
| Hydraulic oil, longlife oil 32 | • | • |
| Hydraulic oil, longlife oil 46 | • | • |
| Hydraulic oil, longlife oil 68 | • | • |
| Frame | | |
| Hydraulic removable counterweight | • | |
| Full height counterweight: 6500 kg, 7550 kg, | • | |
| Full height counterweight: 8450 kg, 9050 kg | | • |
| Cab and interior | | |
| Fabric seat with heater | • | • |
| Fabric seat with heater and air suspension | • | • |
| Pilot control pattern change | • | • |
| Opening top hatch | • | • |
| Falling object guard (FOG) | • | • |
| - Frame-mounted | • | • |
| - Cab-mounted | • | • |
| Cab-mounted falling object protective structure (FOPS) | • | • |
| Smoker kit (ashtray and lighter) | • | • |
| Screen guard for front window | • | • |
| Lower wiper with intermittent control | • | • |
| Anti-vandalism kit | • | • |
| Specific key | • | • |
| Undercarriage | | |
| Full track guard | • | • |
| Mechanically retractable width track gauge | | • |
| Track shoes | | |
| Track shoes | • | • |
| 600/700/800/900 mm with triple grousers | • | • |
| Track shoes 600 mm with double grousers | • | • |
| Digging equipment | | |
| Boom: 6,2 m ME | • | |
| Boom: 6,5 m ME | | • |
| Arm: 2,6 m, 3,9 m | • | |
| Arm: 2,55 m, 3,9 m, 4,8 m | | • |
| Linkage with lifting eye | • | • |
| Extended greasing bushing | • | • |
| Service | | |
| Tool kit, daily maintenance | • | • |
| Tool kit, full scale | • | • |
| Automatic lubrication system | • | • |

SELECTION OF VOLVO OPTIONAL EQUIPMENT







VOLVO CONSTRUCTION EQUIPMENT



Volvo Construction Equipment is different. Our machines are designed, built and supported in a different way. That difference comes from an engineering heritage of over 175 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.

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.

VOLVO

Volvo Construction Equipment
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