

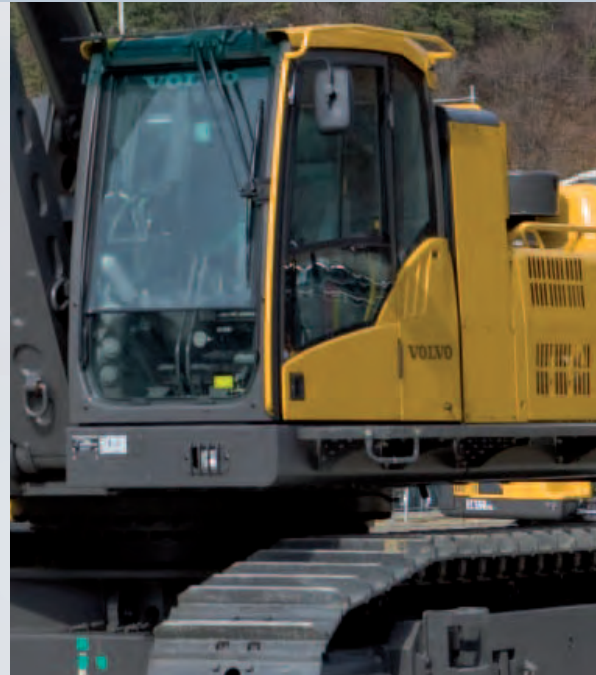
VOLVO PIPELAYERS

PL4608, PL4611

Tipping capacity PL4608: 80t, PL4611: 110t



VOLVO PL4608.



Volvo gives pipeline contractors a new lift with a revolutionary line-up of excavator-based pipelayers. From the pipe yard to the trench, Volvo Pipelayers deliver a competitive edge in even the most demanding conditions. Backed by Volvo Articulated Haulers, Volvo Excavators, Volvo Wheel Loaders, Volvo Motor Graders and Volvo Trucks, Volvo's full line provides the total solution for your next pipeline projects. The ability to convert Volvo Pipelayers from a pipelayer to a standard Volvo Excavator configuration increases versatility, ensuring full machine utilization and allowing second life application opportunities for the machine at re-sale.



Hydraulically elevating cab

Improved overall visibility increases site safety in general. The elevating cab offers superior visibility into the trench, by raising the cab 760 mm / 30 in and the possibility to stop at any point during the rise. For road transportation the cab should be hydraulically lowered to the lowest position.

Removable counterweight

For ease of transport, the counterweight can be lowered to the ground and removed using the standard, hydraulic counterweight removal system. The two track frame mounted counterweights can easily be lifted off with help of the boom and winch.



Variable undercarriage

The hydraulically variable undercarriage on the PL4608 expands by 500 mm / 19.6 in to give a wide operating platform for excellent stability and safe operation. In retracted position the pipelayer is easy to transport.

VOLVO PL4611.

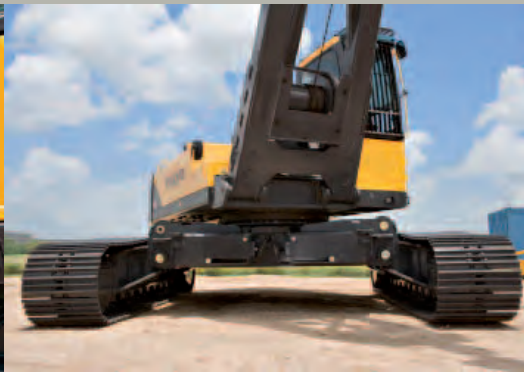
Boom mounting

The boom foot is mounted as far inboard as possible, moving its centre of gravity closer to the machine's centre-line, for enhanced stability.



Extra-wide undercarriage

Outstanding operational stability for safe operation, both across and along the undercarriage. Extremely stable in lowering and laying in operations.



Choice of track shoe widths and profiles

Perfect traction in all surface conditions. A choice of single, double or triple grouser shoes are available, to suit all underfoot conditions. Different shoe widths are available to reduce the ground pressure.



Removable counterweight

For ease of transport, the counterweight can be lowered to the ground and removed using the standard, hydraulic counterweight removal system.



Retractable jacks

Retractable jacks provide complete machine support for removal of the track frames for transport.



Removable track frames

The track frames are removable for easy transport. After the frames are hydraulically disengaged, heavy lifting eyes on the track frames provide optimum lifting points for removal and reassembly.



Transportation weight

Removal of side track frames and rear counterweight reduces the machine weight and width to fulfill on-road transportation regulations.

Transportation of base machine

Once raised on the hydraulic jacks the machine can be lowered directly onto a trailer.

Save time and money

Machine self-disassembly and loading for transportation can be achieved in under one hour by two people.



Pipelaying is a real team effort. Thanks to the boom mounted light bars – an integral part of the unique, Load Management System – the lowering-in foreman and other operators on the line can effectively monitor the management of the load and react accordingly.

A WHOLE NEW WAY TO DELIVER.

Long boom

provides high hook height and long reach, allowing the machine to work further from the trench.

Load-management system

The Load-management system uses a boom-mounted light bar, in-cab monitor and warning systems to optimize safety.

Asymmetric boom

gives the operator a clear view to the load block at all heights and into the trench for safe, precise load placement.

Planetary, high line pull winch

delivers smooth lifting performance and precise control.

Anti-two-block device

automatically prevents blocks from making contact, improving operator efficiency and safety.

Boom mounting

The boom foot is mounted as far inboard as possible, moving its centre of gravity closer to the machine's centre-line, for enhanced stability.



Care Cab

The roomy Volvo cab has it all: clear visibility, comfort, ergonomically positioned controls... reducing operator fatigue for a more productive working day. Automatic climate control is standard.

Elevated cab

further improves visibility over the job site and into the trench, improving operator confidence, comfort, safety and effectiveness.

360 degree swing

Lift and positioning performance through 360 degrees for maximum flexibility and infinite load positioning. High tractive effort and stability allow working on up to 35° grades for the PL4611 and 30° grades for the PL4608.

Removable counterweight

For ease of transport, the rear counterweight can be lowered to the ground and removed using the standard, hydraulic counterweight removal system.

Extra-wide undercarriage

and wide track shoes increase machine stability and reduce ground pressure.

Retractable jacks

on the PL4611, raise the machine to enable the removal of track side frames and to facilitate loading the base machine onto a trailer.

Removable track frames

On the PL4611, the track frames are removable to facilitate easy machine transportation. The frames are hydraulically disengaged and can be removed using the pipelayer boom.



SAFETY CAN NEVER BE UNDERESTIMATED.

Safety is a Volvo core value and Volvo Pipelayers are packed with safety enhancing features. The fully enclosed cab offers a comfortable and safe working environment for the operator. A wide operating platform provides excellent operational stability and Volvo's unique, state-of-the-art, Load Management System further enhances site operation for both operators and personnel on the ground.



Highly stable working platforms

Volvo's pipelayer undercarriages show their strength across the undercarriage. Thanks to the extra wide platforms, machine stability is greatly increased.



Boom mounted light bars

Safety for the operator and co-workers. Highly visible light bars mounted at either side of the boom tips use a sequence of lights passing from green through amber to red, which reflect the state of the load.



Load Management System

Unique, state-of-the-art Load Management System. This enables the operator to see what he can safely pick up. Real-time information is displayed on an in-cab monitor, together with visible and audible warning signals when the safe load limit is being reached. The system calculates all relevant angles, including when working on steep slopes, to notify the operator of the safe working range at all times.

PRODUCTIVITY, BY DESIGN.



Flag block

Mounted at the end of the boom, the flag block pivots 52° to left and right, facilitating load self-centering and is useful when moving with pipe on a slope.

Long boom with optional extension

The long booms on Volvo pipelayers enable them to easily, and safely, lift pipes from transport vehicles. On the PL4611 there is a 2,00 m / 6' 56" optional extension available.



Volvo Pipelayers are designed and built around standard Volvo Excavators and, therefore, easy for operators to learn and operate. Real time information provided by the Load Management System, combined with their many productivity enhancing features, guarantee profitable operation. The ability to convert Volvo Pipelayers back to a standard excavator configuration, with no loss of performance, ensures maximum machine utilization and return on investment. For two people it takes approximately a working day to convert. You can use your Volvo Pipelayer as excavator, operate with hammer or assemble a vacuum shoe for stringing.

Boom in best position

Swinging uphill with the boom is easily done, to hold the load in the best and most stable position.



Ease of operation

Volvo excavator-based pipelayers are very easy and smooth to operate. Any excavator operator can, in a short time, learn to operate them safely and efficiently.



VOLVO PL4608 IN DETAIL.

Engine

Volvo pipelayers use state of the art diesel engines with Volvo Advanced Combustion Technology (V-ACT) to deliver lower emissions and maintain superior performance and fuel efficiency. The EU Stage IIIA / EPA Tier 3 compliant engine uses precise, high-pressure fuel injectors, turbo charger and air-to-air intercooler and electronic engine controls to optimize machine performance.

| Engine | Volvo | D12D EAE3 | | |
|--------------------------------|-----------|-----------|-------|----------|
| Max power at | r/s / rpm | 30/1800 | | 30/1,800 |
| Net, ISO 9249/ SAE J1349 | kW/hp | 235/320 | kW/hp | 235/315 |
| Gross, ISO 14396/ SAE J1995 | kW/hp | 245/333 | kW/hp | 245/329 |
| Max torque at | Nm / rpm | 1720/1350 | lb-ft | 1,269 |
| No. of cylinders | | 6 | | 6 |
| Displacement | l | 12,1 | cu in | 738 |
| Bore | mm | 131 | in | 5.2" |
| Stroke | mm | 150 | in | 5.9" |

Electrical system

The high capacity electrical system is well protected. Waterproof double lock harness plugs are used to secure corrosion-free connections. Main relays and solenoid valves are shielded to prevent damage.

Track Drive System

Each track is powered by an automatic shift two speed travel motor. Track brakes are multi-disc, spring applied and hydraulically released. Travel motors, brakes and planetary final drives are well protected within the track frame.

| | | | | |
|--------------|------|---------|-----|---------|
| Travel speed | km/h | 2,9/4,8 | mph | 2.0/3.0 |
|--------------|------|---------|-----|---------|

Undercarriage

The hydraulically variable gauge system allows the PL4608 to have a wide gauge for working stability, yet the ability to be retracted to achieve reduced transport width. Removable track frame mounted counterweights provide added stability and lower machine center of gravity. These counterweights can be easily self-removed to reduce transport weight.

Hydraulic system

The hydraulic system is designed for high productivity, high lifting capabilities, high maneuvering precision and superb fuel economy.

| | | | | |
|--|-------|---------|-----|--------|
| Main pump, Type 2 x variable displacement axial piston pumps | | | | |
| Maximum flow | l/min | 2 x 345 | gpm | 2 x 91 |
| Pilot pump, Type Gear pump | | | | |
| Maximum flow | l/min | 31 | gpm | 8.2 |

Hydraulic motors

Travel: Variable displacement axial piston motor with mechanical brake
Swing: Fixed displacement axial piston motor with mechanical brake

Cab

The unique Care Cab, with operator protective structure, provides security along with more interior space, leg room and foot space. In work mode the cab is hydraulically elevated 760 mm / 30" to provide a wide field of vision to the entire job site, winch, boom, and load block. Through efficient use of cab glass, transparent roof hatch and 2-piece sliding door window, visibility is maximized. This improves operator confidence, comfort, safety and effectiveness. Deluxe seat with adjustable height, tilt, recline, forward-back settings, retractable seat belt and selectable horizontal suspension cushions the operator from vibrations.

Boom

The asymmetric boom gives the operator a clear view to the hook block at all heights and into the trench for safe, precise load placement. The long boom provides high hook height and reach allowing the machine to work further from the trench.

Winch

Planetary, high line pull winch delivers smooth lifting performance and precise control. Winch hydraulic motor has a multi-disc friction brake which is spring applied and hydraulically released.

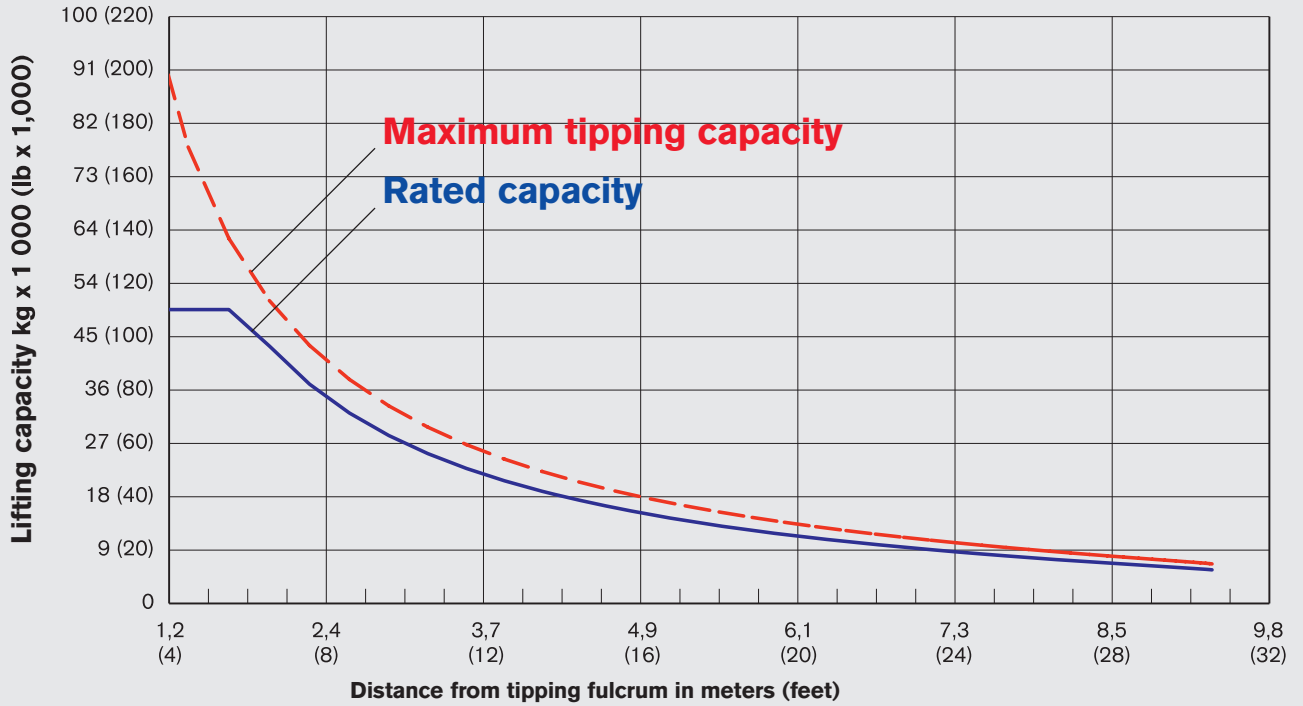
Load Management System

Operator confidence, effectiveness and safety are enhanced with Volvo's Load Management System. Volvo pipelayers utilize load, boom and superstructure-mounted sensors that allow onboard computers to monitor boom angle and cab orientation and inclination. The computer uses this information to compute and display actual loads and rated working loads in real time through an in-cab monitor with audible warning systems. This allows the operator to maintain full control of the machine both on flat and level ground and on steep slopes throughout the 360 degree swing. The Load Management System utilizes boom-mounted load indicator lights for visual communication with ground staff and between adjacent machines during multiple lift operations.

Transportability

The hydraulically removable rear counterweight is standard, as are the easily removable counterweights mounted on the outside of each track frame. The PL4608 can self-remove, self-load, and self-reassemble these counterweights to achieve effective transport weight. Coupled with hydraulically variable gauge and the hydraulically lowered cab, the PL4608 is the most easily transportable machine in its class.

LOAD CHART PL4608, WITH STANDARD CONFIGURATION



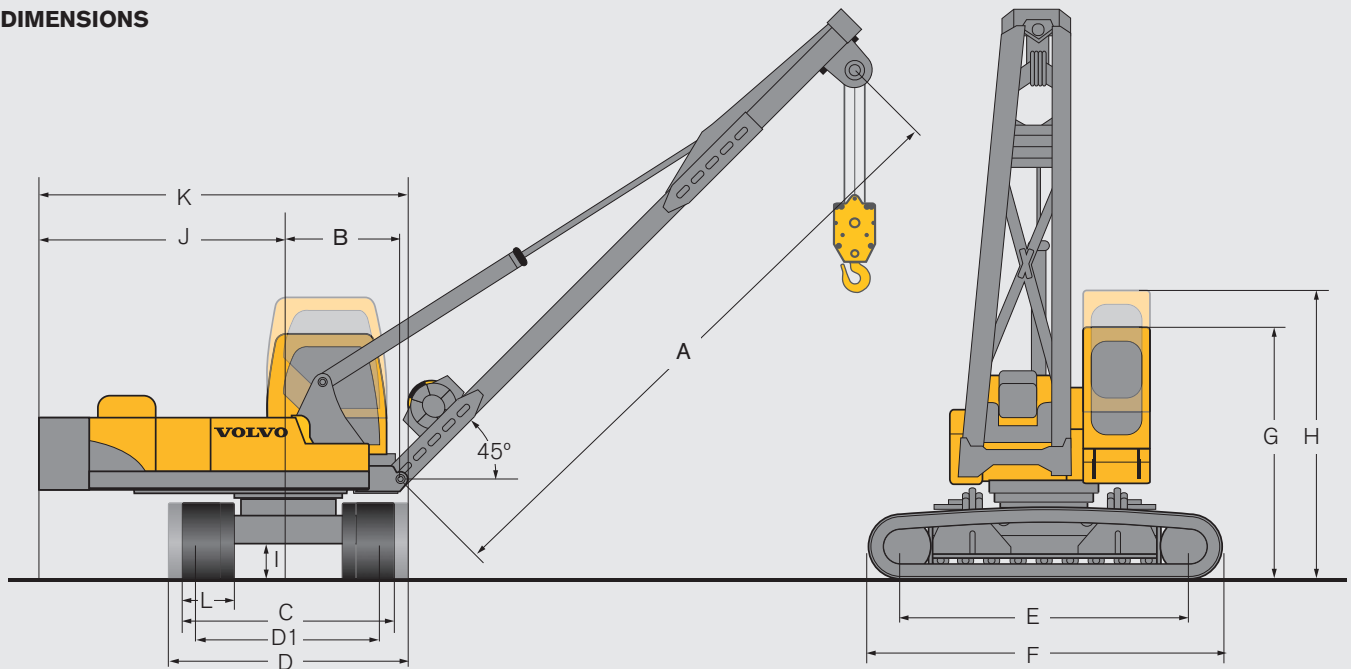
PL4608 Footnotes

Max tipping capacity per ISO 8813, SAE J743, and ASME B30.14, rated capacity per ISO 8813 and ASME B30.14, lift capacity valid through 360 degree rotation

| | | | | |
|-----------------------------------|-------|-------|-------|--------|
| Boom length | m | 9,2 | ft in | 30' 2" |
| Rear counterweight | kg | 9190 | lb | 20,260 |
| Track frame counterweights | kg | 3010 | lb | 6,636 |
| Wire rope | mm | 22,2 | ft in | 7/8" |
| with minimum breaking strength of | kg | 34000 | lb | 75,000 |
| Reeving on load block | Parts | 6 | Parts | 6 |

VOLVO PL4608 IN DETAIL.

DIMENSIONS



PL4608

| | | | | | |
|----|--|----|------|-------|--------|
| A | Boom length | mm | 9200 | ft in | 30' 2" |
| B | Swing center - Boom mount pin | mm | 1680 | ft in | 5' 6" |
| C | Overall width, retracted * | mm | 3152 | ft in | 10' 4" |
| D | Overall width, extended * | mm | 3652 | ft in | 12' 0" |
| D1 | Track gauge, extended | mm | 2902 | ft in | 9' 7" |
| E | Tumbler length | mm | 4370 | ft in | 14' 4" |
| F | Track length | mm | 5377 | ft in | 17' 8" |
| G | Overall height, cab in lower position | mm | 3353 | ft in | 11' 0" |
| H | Overall height, cab in upper position | mm | 4115 | ft in | 13' 6" |
| I | Min. ground clearance | mm | 556 | ft in | 1' 10" |
| J | Tail swing radius | mm | 3780 | ft in | 12' 5" |
| K | Maximum base machine width, across undercarriage * | mm | 5654 | ft in | 18' 7" |
| L | Track shoe | mm | 750 | in | 30" |
| L1 | Track shoe | mm | 900 | in | 36" |
| L2 | Track shoe | mm | 1050 | in | 42" |

* with 750mm / 30" track shoes

OPERATING WEIGHT AND GROUND PRESSURE

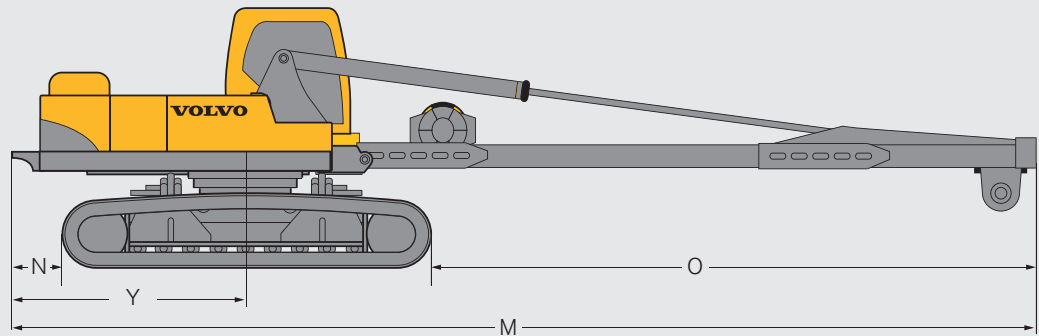
PL4608 with standard configuration

| Track shoe width | | | | Operating weight (up to) | | | | Ground pressure | | | |
|------------------|------|----|-----|--------------------------|-------|----|---------|-----------------|------|-----|-------|
| mm | 750 | in | 30" | kg | 57931 | lb | 127,716 | kPa | 80,2 | psi | 11,64 |
| mm | 900 | in | 36" | kg | 58670 | lb | 129,345 | kPa | 67,7 | psi | 9,82 |
| mm | 1050 | in | 42" | kg | 59418 | lb | 130,994 | kPa | 58,8 | psi | 8,53 |

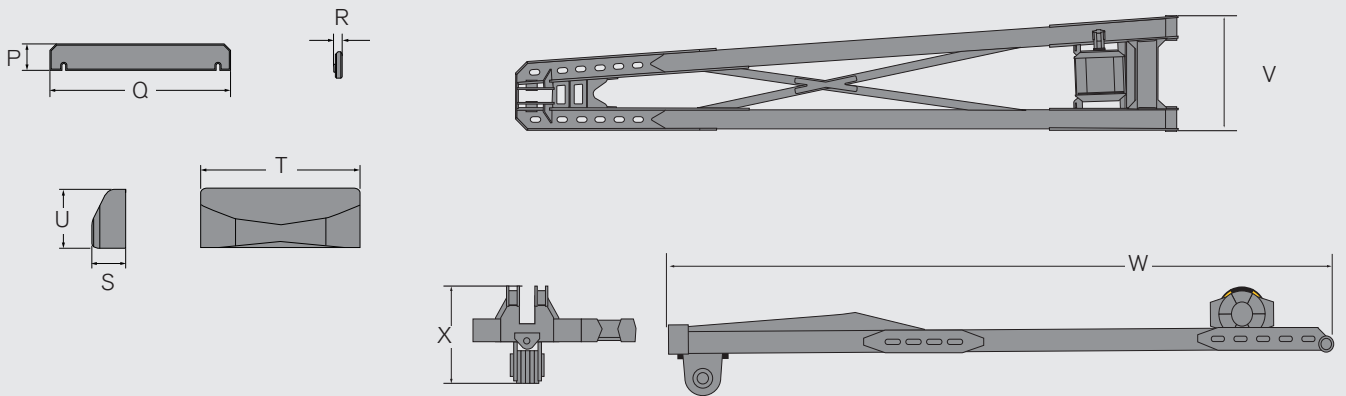
OTHER WEIGHTS

| | | | | | |
|---|---|----|-----------------|----|-------------------|
| | Complete machine (with 750mm / 30" track shoes) | kg | 57931 | lb | 127,716 |
| 1 | Boom structure incl. winch + flag block | kg | 7572 | lb | 16,693 |
| 2 | Boom cylinder (dry) | kg | 1425 | lb | 3,142 |
| 3 | Adapter between base machine - boom | kg | 3285 | lb | 7,242 |
| 4 | Hook block | kg | 580 | lb | 1,279 |
| 5 | Track frame counterweights | kg | (2 x 1505) 3010 | lb | (2 x 3,318) 6,636 |
| 6 | Rear counterweight | kg | 9190 | lb | 20,260 |
| | Base machine (complete machine minus 1-6) | kg | 32869 | lb | 72,464 |
| | Base machine (complete machine minus 5-6) | kg | 45731 | lb | 100,820 |

DIMENSIONS BASE MACHINE



DIMENSIONS COMPONENT MODULES



PL4608

Overall transport width

| Track shoe width | | | | Retracted | | | | Extended | | | |
|------------------|------|----|-----|-----------|-------|-------|---------|----------|------|-------|--------|
| mm | 750 | in | 30" | mm | 3152* | ft in | 10' 4"* | mm | 3652 | ft in | 12' 0" |
| mm | 900 | in | 36" | mm | 3552 | ft in | 11' 8" | mm | 3802 | ft in | 12' 6" |
| mm | 1050 | in | 42" | mm | 3952 | ft in | 13' 0" | mm | 3952 | ft in | 13' 0" |

* without walkway

Dimensions

| | | | | | |
|---|-----------------------------------|----|-------|-------|--------|
| M | Total transport length | mm | 14800 | ft in | 48' 7" |
| N | Rear radius to undercarriage | mm | 730 | ft in | 2' 5" |
| O | Undercarriage - Boom top end | mm | 8700 | ft in | 28' 7" |
| P | Height track frame counterweight | mm | 540 | ft in | 1' 9" |
| Q | Length track frame counterweight | mm | 3395 | ft in | 11' 2" |
| R | Width track frame counterweight | mm | 180 | ft in | 7" |
| S | Length rear counterweight | mm | 770 | ft in | 2' 6" |
| T | Width rear counterweight | mm | 2990 | ft in | 9' 10" |
| U | Height rear counterweight | mm | 1105 | ft in | 3' 7" |
| V | Boom width | mm | 1790 | ft in | 5' 10" |
| W | Total boom length | mm | 9792 | ft in | 32' 2" |
| X | Complete boom height | mm | 1820 | ft in | 6' 0" |
| Y | Rear radius without counterweight | mm | 3406 | ft in | 4' 2" |

VOLVO PL4611 IN DETAIL.

Engine

Volvo pipelayers use state of the art diesel engines with Volvo Advanced Combustion Technology (V-ACT) to deliver lower emissions and maintain superior performance and fuel efficiency. The EU Stage IIIA / EPA Tier 3 compliant engine uses precise, high-pressure fuel injectors, turbo charger and air-to-air intercooler and electronic engine controls to optimize machine performance.

| Engine | Volvo | D12D EAE3 | | |
|--------------------------------|-----------|-----------|-------|----------|
| Max power at | r/s / rpm | 30/1800 | | 30/1,800 |
| Net, ISO 9249/ SAE J1349 | kW/hp | 235/320 | kW/hp | 235/315 |
| Gross, ISO 14396/ SAE J1995 | kW/hp | 245/333 | kW/hp | 245/329 |
| Max torque at | Nm / rpm | 1720/1350 | lb-ft | 1,269 |
| No. of cylinders | | 6 | | 6 |
| Displacement | l | 12,1 | cu in | 738 |
| Bore | mm | 131 | in | 5.2" |
| Stroke | mm | 150 | in | 5.9" |

Electrical system

The high-capacity electrical system is well protected. Waterproof double lock harness plugs are used to secure corrosion-free connections. Main relays and solenoid valves are shielded to prevent damage.

Track Drive System

Each track is powered by an automatic shift two speed travel motor. Track brakes are multi-disc, spring applied and hydraulically released. Travel motors, brakes and planetary final drives are well protected within the track frame.

| | | | | |
|--------------|------|---------|-----|---------|
| Travel speed | km/h | 2,9/4,8 | mph | 2.0/3.0 |
|--------------|------|---------|-----|---------|

Undercarriage

Special purpose lower frame and track frame system provides a nearly square working platform, optimizing stability throughout the full 360-degree swing. The heavy weight of the lower frame and heavily reinforced track frames lower the machine center of gravity, increasing its stability. Track frames are hydraulically pinned to the lower frame for ease of removal to reduce transport weight and width.

Hydraulic system

The hydraulic system is designed for high productivity, high lifting capabilities, high maneuvering precision and superb fuel economy.

| | | | | |
|--|-------|---------|-----|--------|
| Main pump, Type 2 x variable displacement axial piston pumps | | | | |
| Maximum flow | l/min | 2 x 345 | gpm | 2 x 91 |
| Pilot pump, Type Gear pump | | | | |
| Maximum flow | l/min | 31 | gpm | 8.2 |

Hydraulic motors

Travel: Variable displacement axial piston motor with mechanical brake
Swing: Fixed displacement axial piston motor with mechanical brake

Cab

The unique Care Cab, with operator protective structure, provides security along with more interior space, leg room and foot space. The fixed elevated cab riser, 776 mm / 2' 7", provides a wide field of vision to the entire job site, winch, boom, and load block. Through efficient use of cab glass, transparent roof hatch and 2-piece sliding door window, visibility is maximized. This improves operator confidence, comfort, safety and effectiveness. Deluxe seat with adjustable height, tilt, recline, forward-back settings, retractable seat belt and selectable horizontal suspension cushions the operator from vibrations.

Boom

The asymmetric boom gives the operator a clear view to the load block at all heights and into the trench for safe, precise load placement. Long boom provides high hook height and reach allowing the machine to work further from the trench.

Winch

Planetary, high line pull winch delivers smooth lifting performance and precise control. Winch hydraulic motor has a multi-disc friction brake, which is spring applied and hydraulically released.

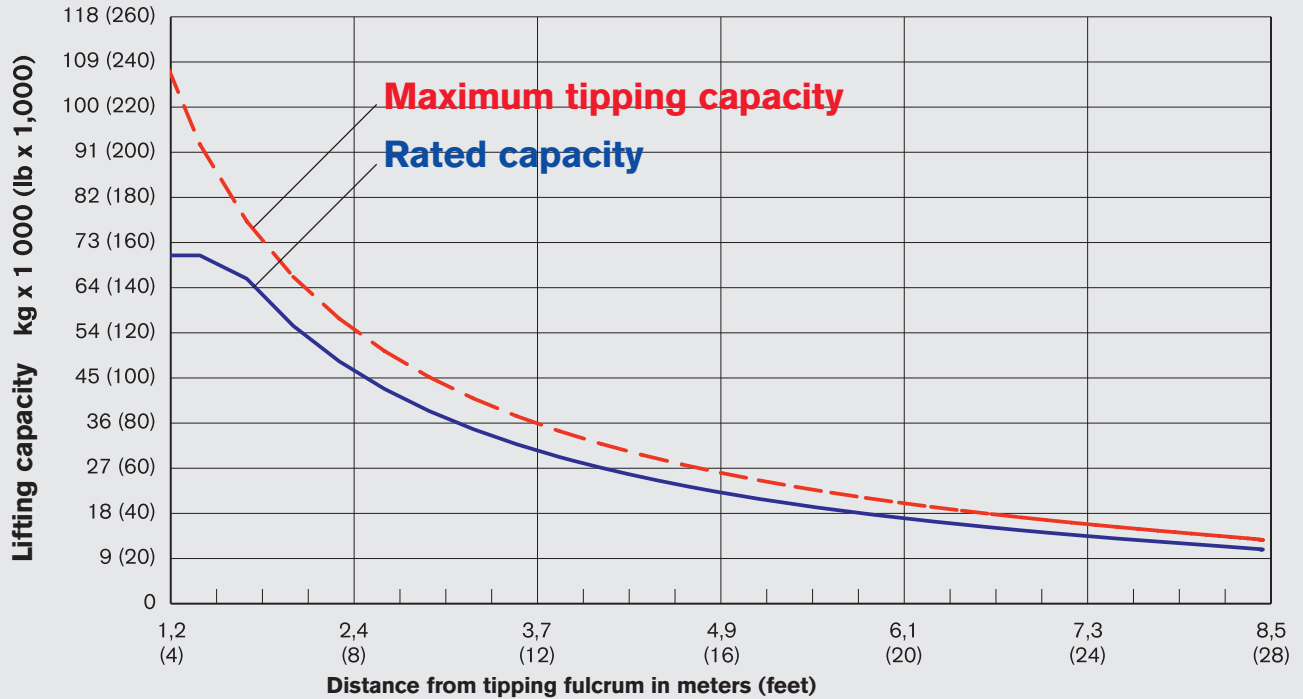
Load Management System

Operator confidence, effectiveness and safety are ensured with Volvo's Load Management System. Volvo pipelayers utilize load, boom and superstructure mounted sensors that allow onboard computers to monitor boom angle and cab orientation and inclination. The computer uses this information to compute and display actual loads and rated working loads in real time through an in-cab monitor with audible warning systems. This allows the operator to maintain full control of the machine from flat and level ground up to steep slopes throughout the 360 degree swing. The Load Management System utilizes boom-mounted load indicator lights for visual communication with ground staff and between adjacent machines during multiple lift operations.

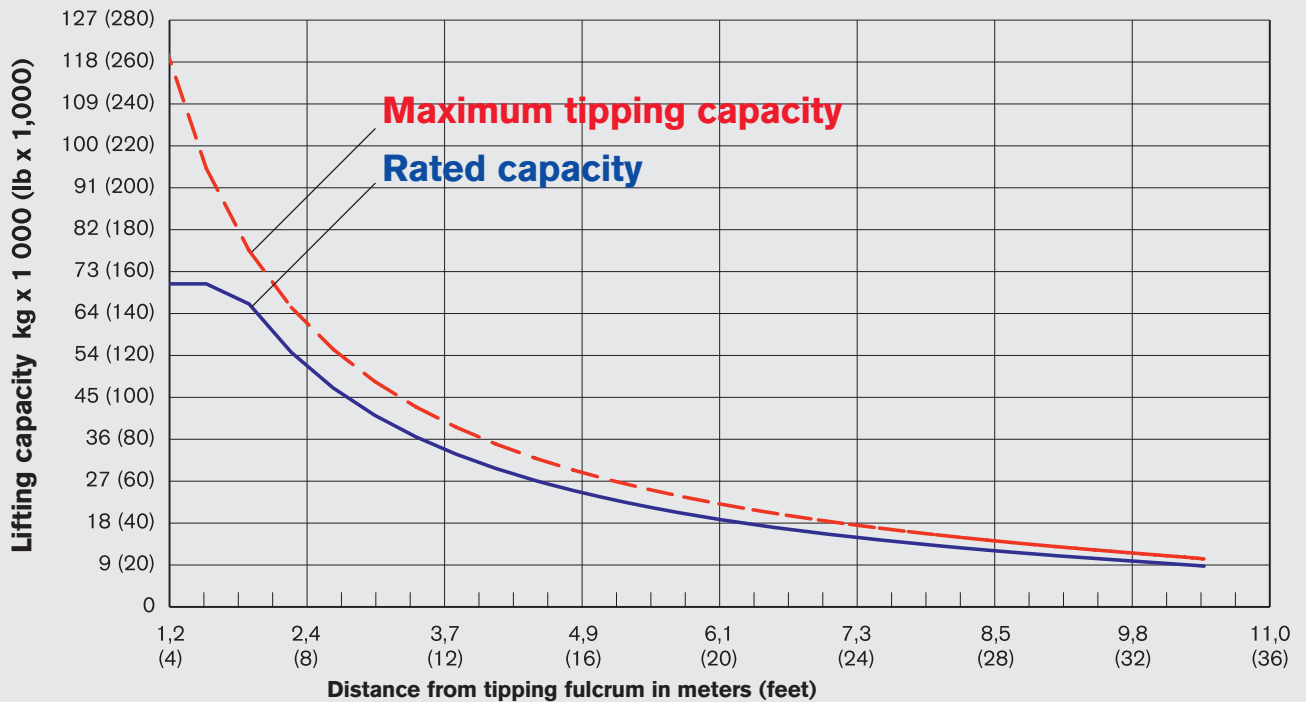
Transportability

The PL4611 has a unique design that allows removal of the track frames from the base machine to reduce weight and width for transport. Coupled with the standard hydraulically removable rear counterweight, the PL4611 can self-disassemble in less than one hour and reassemble in a similar time. Disassembly begins when the outriggers are deployed and the machine is raised off the ground. Pins that lock the track frames to the lower frame are disengaged allowing the pipelayer to load its own side frames onto a flatbed truck. Next the counterweight is hydraulically removed and loaded. Then the machine is raised to full outrigger height to allow a low-body truck to back in underneath it. Finally the outriggers are retracted to sit the base machine onto the lowboy and all components are chained for transport. The PL4611 is the most easily transportable machine in its class.

LOAD CHART PL4611, WITH STANDARD CONFIGURATION



LOAD CHART PL4611, WITH BOOM EXTENSION PLUS EXTRA COUNTERWEIGHT



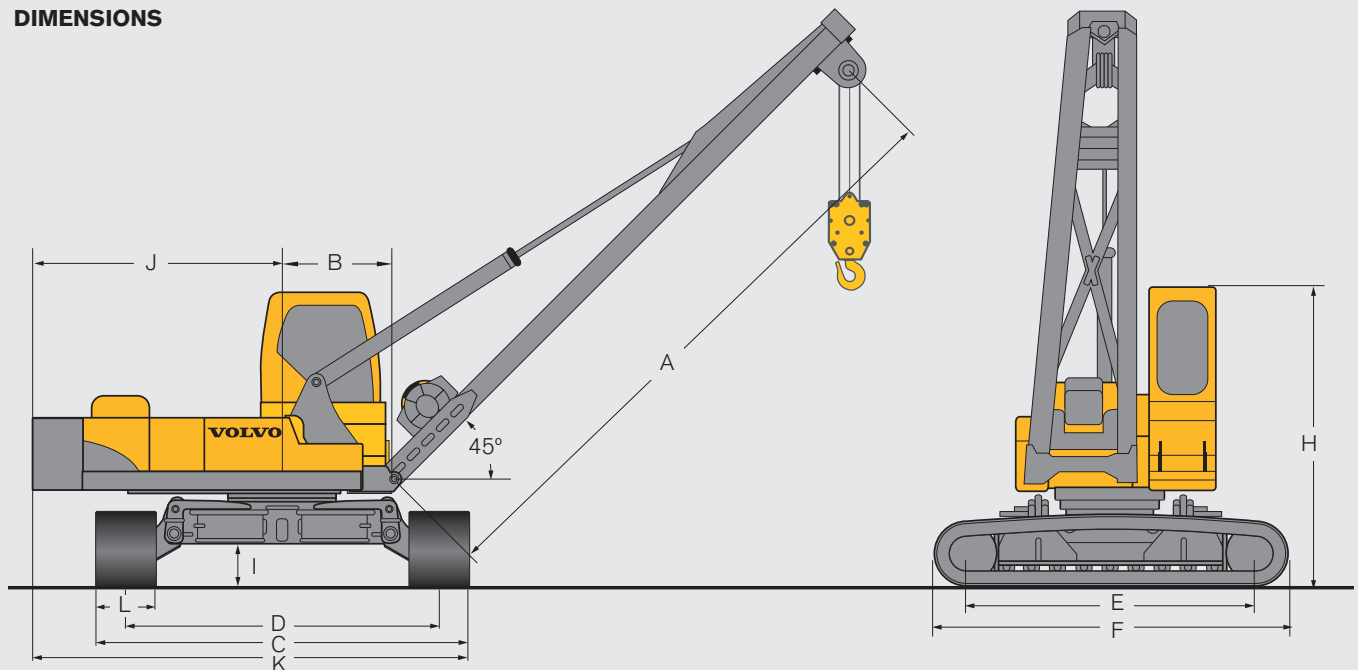
PL4611 Footnotes

Maximum tipping capacity per ISO 8813, SAE J743, and ASME B30.14; rated capacity per ISO 8813 and ASME B30.14; lift capacity valid through 360 degree rotation

| | | | | |
|-----------------------------------|-------|-------|-------|---------|
| Boom length | m | 9,2 | ft in | 30' 2" |
| Rear counterweight | kg | 9190 | lb | 20,260 |
| Wire rope | mm | 25,4 | ft in | 1" |
| with minimum breaking strength of | kg | 50000 | lb | 110,000 |
| Reeving on load block | Parts | 6 | Parts | 6 |

VOLVO PL4611 IN DETAIL.

DIMENSIONS



PL4611

| Dimension | Description | mm | ft in |
|-----------|---|------|--------|
| A | Boom length *** | 9240 | 30' 4" |
| B | Swing center - Boom mount pin | 1680 | 5' 6" |
| C | Overall width* | 5600 | 18' 4" |
| D | Track gauge | 4700 | 15' 5" |
| E | Tumbler length | 4370 | 14' 4" |
| F | Track length | 5377 | 17' 8" |
| H | Overall height ** | 4287 | 14' 1" |
| I | Min. ground clearance | 650 | 2' 2" |
| J | Tail swing radius | 3780 | 12' 5" |
| K | Maximum base machine width, across undercarriage* | 6580 | 21' 7" |
| L | Track shoe | 750 | 30" |
| L1 | Track shoe | 900 | 36" |
| L2 | Track shoe | 1050 | 42" |

* with 900mm / 36" track shoes, ** with single grouser, *** with boom extension 11200mm / 36' 9"

OPERATING WEIGHT AND GROUND PRESSURE

PL4611 with standard configuration

| Track shoe width | | | | Operating weight (up to) | | | | Ground pressure | | | |
|------------------|------|----|-----|--------------------------|-------|----|---------|-----------------|------|-----|------|
| mm | 750 | in | 30" | kg | 68278 | lb | 150,527 | kPa | 94,6 | psi | 13,7 |
| mm | 900 | in | 36" | kg | 69017 | lb | 152,156 | kPa | 79,7 | psi | 11,5 |
| mm | 1050 | in | 42" | kg | 69765 | lb | 153,805 | kPa | 69 | psi | 10 |

PL4611 with extra counterweight and boom extension

| Track shoe width | | | | Operating weight (up to) | | | | Ground pressure | | | |
|------------------|------|----|-----|--------------------------|-------|----|---------|-----------------|-------|-----|------|
| mm | 750 | in | 30" | kg | 72627 | lb | 160,115 | kPa | 100,6 | psi | 14,6 |
| mm | 900 | in | 36" | kg | 73366 | lb | 161,744 | kPa | 84,7 | psi | 12,3 |
| mm | 1050 | in | 42" | kg | 74114 | lb | 163,393 | kPa | 73,3 | psi | 10,6 |

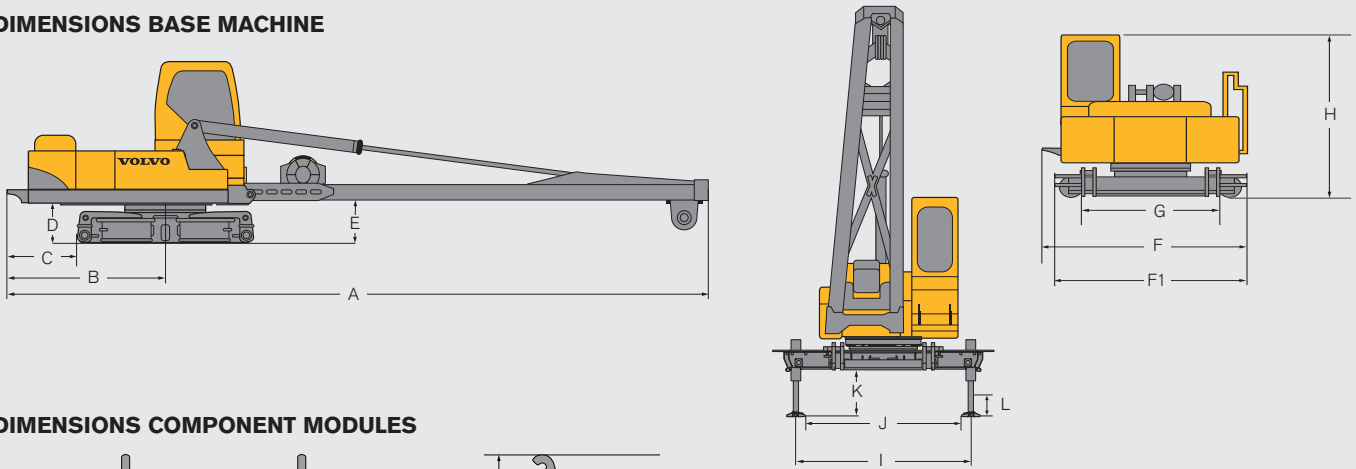
OTHER WEIGHTS

| | | | | | |
|---|---|----|------------|----|--------------|
| | Complete machine (with 900mm / 36" track shoes) | kg | 69017 | lb | 152,156 |
| 1 | Boom structure incl. winch + flag block | kg | 7891 | lb | 17,397 |
| 2 | Boom cylinder (dry) | kg | 1425 | lb | 3,142 |
| 3 | Adapter between base machine - boom | kg | 3285 | lb | 7,242 |
| 4 | Hook block | kg | 720 | lb | 1,587 |
| 5 | Track frames | kg | (2 x 8641) | lb | (2 x 19,050) |
| 6 | Rear counterweight | kg | 9190 | lb | 20,260 |
| | Base machine (complete machine minus 1-6) | kg | 29224 | lb | 64,428 |
| | Base machine (complete machine minus 5-6) | kg | 42545 | lb | 93,796 |

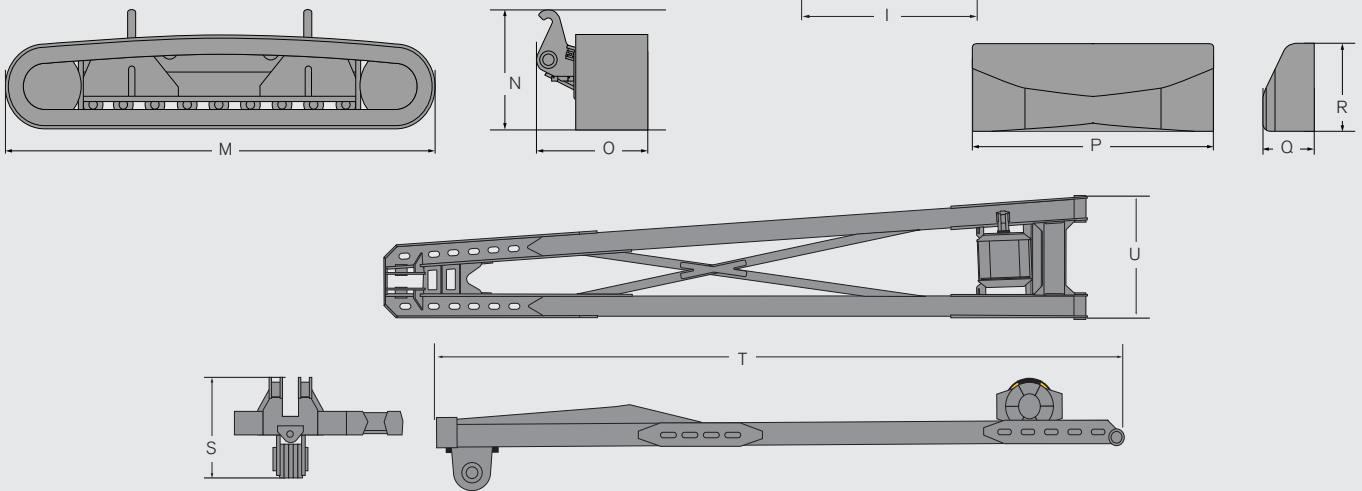
OPTIONAL WEIGHTS

| | | | | | |
|--|---------------------|----|------|----|-------|
| | Boom extension jib | kg | 1637 | lb | 3,609 |
| | Extra counterweight | kg | 3800 | lb | 8,378 |

DIMENSIONS BASE MACHINE



DIMENSIONS COMPONENT MODULES



PL4611 Dimensions Base Machine

| | | | | | |
|----|---|----|-------|-------|---------|
| A | Total transport length | mm | 14786 | ft in | 48' 6" |
| B | Rear radius without counterweight | mm | 3406 | ft in | 11' 2" |
| C | Rear radius to undercarriage | mm | 1686 | ft in | 5' 6" |
| D | Ground clearance to superstructure | mm | 817 | ft in | 2' 8" |
| E | Ground clearance to boom | mm | 905 | ft in | 3' 0" |
| F | Maximum shipping width | mm | 3553 | ft in | 11' 8" |
| F1 | Maximum shipping width without walkway, superstructure across undercarriage | mm | 3314 | ft in | 10' 10" |
| G | Contact with lowbed | mm | 2474 | ft in | 8' 1" |
| H | Overall height without undercarriage | mm | 3556 | ft in | 11' 8" |
| I | Center - center jacks | mm | 4498 | ft in | 14' 9" |
| J | Inside - inside jacks | mm | 4098 | ft in | 13' 5" |
| K | Maximum ground clearance | mm | 1079 | ft in | 3' 6" |
| L | Minimum ground clearance | mm | 457 | ft in | 1' 6" |

PL4611 Dimensions Component Modules

| | | | | | |
|---|---------------------------|----|------|-------|--------|
| M | Track length | mm | 5377 | ft in | 17' 8" |
| N | Track frame height | mm | 1348 | ft in | 4' 5" |
| O | Track frame width | mm | 1321 | ft in | 4' 4" |
| P | Width rear counterweight | mm | 2990 | ft in | 9' 10" |
| Q | Length rear counterweight | mm | 820 | ft in | 2' 8" |
| R | Height rear counterweight | mm | 1105 | ft in | 3' 8" |
| S | Complete boom height | mm | 1762 | ft in | 5' 9" |
| T | Total boom length | mm | 9790 | ft in | 32' 1" |
| U | Boom width | mm | 1790 | ft in | 5' 10" |

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.

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