VOLVO WHEEL LOADER

L180C



- Engine output SAE J1349: gross 209 kW 284 hp net 198 kW 269 hp
- Operating weight: 24,9-28,2 t
 54,890 62,170 lb
- Buckets: 4,2 14,0 m³
 5.5 -18.3 yd³
- Volvo high-performance, lowemission engine with excellent low rpm performance. The engine meets all known regulations regarding exhaust emissions for off-road machines until year 2001. Hydraulically driven, cooling fan.
- Volvo transmission with APS II, 2nd generation of Automatic Power Shift with mode (shift pattern) selector for optimum performance and fuel consumption
- · Wet disc brakes
 - fully sealed oil circulationcooled wet disc brakes
- Torque Parallel Linkage
- high breakout torque throughout the working range
- excellent parallel lift-arm action

- Care Cab
 - pressurized cab with high comfort and safety
- · Contronic monitoring system
- · Load sensing steering system
- Pilot-operated working hydraulics

Optional Equipment

- · Boom Suspension System
- Comfort Drive Control
- · Long Boom
- · Hydraulic attachment bracket

Other options, see back page





SERVICE

Contronic monitoring system provides information on machine condition, routine maintenance schedules and minimizes time required for troubleshooting.

Service accessibility: Large, easy-to-open engine access doors with gas struts. Hinged radiator grill, swing-out radiator, and swing-out fan.

| Refill capacities | 1 | USgal |
|-------------------|-------|-----------|
| Fuel tank | 318 | 84.0 |
| Engine coolant | 70 | 18.5 |
| Hydraulic tank | 165 | 43.6 |
| Transmission | 35 | 9.2 |
| Engine oil | 34 | 9.0 |
| Axle front/rear | 55/54 | 14.5/14.3 |



ENGINE

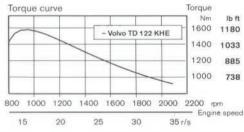
Engine delivers high torque and quick response at low rpm even under full load. The machine can work at low engine speeds, which contributes to good fuel economy, less noise, less wear and longer life.

Engine: High-performance, low-emission, 6-cylinder, in-line, direct-injected, turbocharged, intercooled 4-stroke diesel engine with wet replaceable cylinder liners.

Air cleaning: three-stage.

Cooling system: Hydraulically driven fan. Twin pump system for the intercooler circuit.

| Engine | Volvo TD 122 KHE | | | | | |
|-----------------|------------------|---------------------|--|--|--|--|
| output at | 35 r/s | 2100 rpm | | | | |
| SAE J1349 gross | 209 kW | 284 hp | | | | |
| (flywheel) net | 198 kW | 269 hp | | | | |
| Max. torque at | 15 r/s | 900 rpm | | | | |
| SAE J1349 gross | 1580 Nm | 1166 lb ft | | | | |
| (flywheel) net | 1570 Nm | 1159 lb ft | | | | |
| Displacement | 12,01 | 733 in ³ | | | | |





ELECTRICAL SYSTEM

Contronic monitoring system with complete information on the status of the machine's various systems is standard. Electrical system with circuit board is well protected by fuses. Prewired for optional equipment.

Central warning: Central warning lamp for the following functions: engine oil pressure, engine coolant temperature (with buzzer), transmission oil pressure, transmission oil temperature, brake pressure, parking brake (buzzer), high speed/gear, transmission oil filter, and axle oil temperature. Shut down to idle is standard.

| Voltage | 24 V |
|----------------------------|---------------|
| Batteries | 2x12 V |
| Battery capacity | 2x160 Ah |
| Cold cranking capacity, ea | 1050 A |
| Reserve capacity, ea | 290 min |
| Alternator rating | 1680 W / 60 A |
| Starter-motor output | 6,6 kW 9.0 hp |



DRIVETRAIN

Drivetrain and working hydraulics well-matched to each other. Dependable design. Quick acceleration boosts productivity. Volvo system-compatible design facilitates servicing.

Torque converter: Single-stage.

Transmission: Volvo Automatic Power Shift transmission of countershaft type with single-lever control. Fast and smooth forward/reverse shifting.

Shifting system: Volvo Automatic Power Shift (APS II) with mode selector.

Axles: Volvo, fully floating axle shafts with planetary-type hub reductions. Cast-steel axle housing. Fixed front axle and oscillating rear axle. 100% differential lock on front axle.

| Transmission | Volvo HT 2 | 20 |
|------------------------------|------------|-------|
| Torque multiplication | 2,27:1 | |
| Speeds, max. forward/reverse | km/h | mph |
| 1 | 6,5 | 4.0 |
| 2 | 12,1 | 7.5 |
| 3 | 24,0 | 14.9 |
| 4 (forward only) | 35,1 | 21.8 |
| Measured with tires | 26.5 R25** | * L3 |
| Front axle and rear axle | Volvo / AW | /B 40 |
| Oscillation, rear axle | ±15° | |
| Ground clearance at | | |
| 15° oscillation | 610 mm | 24 in |



BRAKE SYSTEM

Simple, reliable system with few parts ensures high availability and safety. Self-adjusting internal oil circulation-cooled disc brakes give long service intervals.

Service brakes: Volvo, dual-circuit system with nitrogencharged accumulators. Fully hydraulically operated, enclosed, internal oil circulation-cooled, outboard-mounted disc brakes. Transmission declutch during braking can be preselected by a switch on the instrument panel.

Parking brake: Enclosed wet multi-disc brake built into the transmission. Spring applied, electro-hydraulic released via a switch on the instrument panel. Applies automatically when the key is turned off.

Secondary brake: Dual-circuit system with rechargeable accumulators. One circuit or the parking brake fulfills the requirements.

Brake performance test provided by the Contronic system.

Standards: The brake system complies with the requirements of ISO 3450, SAE J1473

| Number of discs/wheel | 1 | |
|---------------------------|---------|------------------------|
| Accumulators, volume each | 3x1.0 l | 3x61.0 in ³ |



STEERING SYSTEM

Low-effort steering gives short work cycle times. Powerefficient system provides good fuel economy, good directional stability and easy steering in all conditions.

Steering system: Load-sensing hydrostatic articulated steering with power amplification.

System supply: The steering system is supplied by a separate steering pump.

Pump: Variable-flow axial piston pump.

Cylinders: Two double-acting cylinders.

| Steering cylinder | 2 | |
|---------------------|--------|------------|
| Bore | | 3.9 in |
| Piston rod diameter | 50 mm | 2.0 in |
| Stroke | 418 mm | 16.5 in |
| Relief pressure | 21 MPa | 3046 psi |
| Max. flow | | 30.6 USgpm |
| Articulation | ± 37° | |



CAB

Care Cab with easy entry and wide door opening. Lined with sound-absorbent material. Sound and vibration-suppressing suspension. Good all-round visibility, large glass areas. Curved windshield of laminated, green-tinted glass. Ergonomically located controls and instruments permit a comfortable operating position.

Instrumentation: All important information is readily visible to the operator. Cab display for Contronic monitoring system.

Heater and defroster: Heating element with filtered fresh air and four-speed fan. Defroster outlets for all windows.

Operator's seat: Spring suspended, adjustable operator's seat with retractable seat belt. The seat is mounted on a bracket on the rear wall. The force from the belt is absorbed by the seat rails.

Standards: Tested and approved according to the following standards: ROPS (ISO/CD 3471, SAE J1040), FOPS (ISO 3449, SAE J231). Complies with "Overhead guards for rider lift trucks" (ISO 6055) and "Operator Restraint System" (SAE J386).

| Emergency exits | 2 | |
|-----------------------------|------------------------|--------------------------|
| Sound level in cab | | |
| as per ISO 6394, | | |
| SAE J919 | 75 dB (A) | |
| Fan position 2 | 73 dB (A) | |
| Exterior sound level | | |
| ISO 6393, SAE J2104 | LwA 110 dE | 3 (A) |
| Ventilation | 10 m ³ /min | 353 ft ³ /min |
| Heating capacity | 11 kW | 37 500 Btu/h |
| Air-conditioning (optional) | | 27 300 Btu/h |



HYDRAULIC SYSTEM

Open-center hydraulics with high-capacity vane pumps allows precise control and quick movements, even at low rpm.

Pump: A double vane pump mounted on a power takeoff on the transmission. Pump 1 works with all tilt and lift movements. Pump 2 works with tilt out and lift up to 20 MPa (2900 psi). A pilot-controlled selector valve cuts-in flow to the system.

Valve: Double-acting 3-spool valve actuated by a 3-spool pilot valve.

Lift function: The valve has four functions: raise, hold, lower and float. Inductive/magnetic automatic boom kickout can be switched on and off and is adjustable to any position between maximum reach and full lift height.

Tilt function: The valve has three functions: rollback, hold and dump. Inductive/magnetic automatic bucket positioner, that can be switched on and off.

Cylinders: Double-acting

Filter: Full-flow filtration through 20 micron (absolute) filter cartridge.

| Vane pump | | |
|-------------------------|-------------|-------------|
| Relief pressure, pump 1 | 22,5 MPa | 3363 psi |
| Flow | 313 l/min | 82.8 USgpm |
| at | 10 MPa | 1450 psi |
| and engine speed | 35 r/s | 2100 rpm |
| Relief pressure, pump 2 | 20 MPa | 2900 psi |
| Flow | 91,5 l/min | 24.2 USgpm |
| at | 10 MPa | 1450 psi |
| and engine speed | 35 r/s | 2100 rpm |
| Pilot system | | |
| Relief pressure | 3,0-4,5 MPa | 435-653 psi |
| Cycle times | S | |
| Raise* | 6,6 | |
| Dump* | 2,5 | |
| Lower, empty | 3,5 | |
| Total cycle time | 12,6 | |
| | | |

^{*} with load as per ISO 5998 and SAE J818



LIFT ARM SYSTEM

TP Linkage combines high breakout torque throughout the working range with parallel lift-arm action. These features, together with high lift height and long reach, make the lift-arm system equally good in bucket loading and work with fork attachments and material-handling arms.

| Lift cylinder | 2 | |
|---------------------|--------|---------|
| Bore | 190 mm | 7.5 in |
| Piston rod diameter | 90 mm | 3.5 in |
| Stroke | 788 mm | 31.0 in |
| Tilt cylinder | 1 | |
| Bore | 260 mm | 10.2 in |
| Piston rod diameter | 120 mm | 4.7 in |
| Stroke | 480 mm | 18.9 in |

OPERATIONAL DATA VOLVO L180C

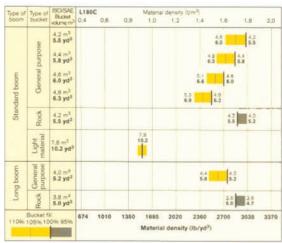
| | | | LONG BOOM | | | | | | | | |
|-------------------------------|-----------------|-------------------|-------------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|
| | | | G | ENERAL | PURPOSE | | | ROCK* | LIGHT MTL. | GEN. PUR. | LIGHT MTL |
| Tires 26.5 R25** L3 | | Bolt-on edges | Bolt-on edges | Teeth | Teeth & Segm. | Teeth | Boit-on edges | Teeth & Segm. | Bolt-on edges | Bolt-on edges | Bolt-on edges |
| Volume, heaped | m ³ | 4,8 | 4,8 | 4,4 | 4,4 | 4,2 | 4,6 | 4,2 | 7,8 | 3,7 | 6,8 |
| ISO/SAE | yd ³ | 6.3 | 6.3 | 5.8 | 5.8 | 5.5 | 6.0 | 5.5 | 10.2 | 4.8 | 8.9 |
| Volume at 110% fill factor | m ³ | 5,3 6.9 | 5,3 6.9 | 4,8 6.3 | 4,8 6.3 | 4,6 6.0 | 5,1 6.6 | - | - | 4,1 5.3 | - |
| Static tipping load, | kg | 19820 | 19100 | 20330 | 19860 | 20350 | 20040 | 20720 | 19420 | 20770 | 19900 |
| straight | Ib | 43,700 | 42,110 | 44,830 | 43,780 | 44,870 | 44,180 | 45,680 | 42,800 | 45,790 | 43,870 |
| at 35° turn | kg | 17430 | 16750 | 17930 | 17480 | 17970 | 17560 | 18290 | 17080 | 18430 | 17570 |
| | Ib | 38,430 | 36,920 | 39,540 | 38,530 | 39,610 | 38,900 | 40,320 | 37,660 | 40,630 | 38,730 |
| at full turn | kg | 17150 | 16470 | 17650 | 17200 | 17690 | 17370 | 18010 | 16810 | 18160 | 17300 |
| | Ib | 37,810 | 36,310 | 38,920 | 37,920 | 39,000 | 38,280 | 39,700 | 37,060 | 40,035 | 38,140 |
| Breakout force | kN | 192,9 | 182,3 | 211,5 | 201,2 | 211,5 | 201,1 | 181,6 | 145,7 | 218,0 | 153.2 |
| | lbf | 43,360 | 40,980 | 47,550 | 45,230 | 47,550 | 45,210 | 40,690 | 32,750 | 49,010 | 34,440 |
| A | mm | 8550 | 8640 | 8690 | 8720 | 8690 | 8480 | 8850 | 9030 | 8350 | 8950 |
| | ft in | 28'1" | 28'4" | 28'6" | 28'7 " | 28'6" | 27'10 " | 29'0" | 29'7 " | 27'4" | 29'3" |
| E | mm | 1420 | 1500 | 1270 | 1360 | 1270 | 1360 | 1470 | 1860 | 1240 | 16790 |
| | ft in | 4'8" | 4'11" | 4'2" | 4'5" | 4'2" | 4'5" | 4'10" | 6'1 " | 4'4" | 5'10 " |
| H**) | mm | 3070 | 3010 | 2990 | 2960 | 2990 | 3120 | 2890 | 2700 | 3200 | 2770 |
| | ft in | 10'1" | 9'11 " | 9'10 " | 9'8" | 9'10" | 10'3" | 9'6 " | 8'10" | 10'5" | 9'5" |
| L | mm | 6180 | 6230 | 6170 | 6130 | 6130 | 6170 | 6230 | 6300 | 5950 | 6230 |
| | ft in | 20'3" | 20'5 " | 20'3" | 20'1 " | 20'1 " | 20'3" | 20'9 " | 20'8" | 19'5" | 20'2" |
| M**) | mm | 1330 | 1390 | 1480 | 1460 | 1480 | 1280 | 1560 | 1620 | 1200 | 1580 |
| | ft in | 4'4" | 4'7 " | 4'10" | 4'9 " | 4'10" | 4'2" | 5'1 " | 5'4 " | 3'9" | 5'2 " |
| N**) | mm | 1960 | 2000 | 2080 | 2040 | 2080 | 1930 | 2110 | 2060 | 1880 | 2060 |
| | ft in | 6'5 " | 6'7 " | 6'10" | 6'8 " | 6'10" | 6'4 " | 6'11 " | 6'9 " | 6'2" | 6'8 " |
| V | mm | 3200 | 3200 | 3230 | 3230 | 3230 | 3200 | 3230 | 3400 | 3200 | 3200 |
| | ft in | 10'6" | 10'6" | 10'7" | 10'7" | 10'7" | 10'6" | 10'7" | 11'2" | 1.0'6" | 10'6" |
| a, clearance circle | mm | 14980 | 15030 | 15150 | 15150 | 15150 | 14940 | 15230 | 15430 | 14870 | 15200 |
| | ft in | 49'2 " | 49'4 " | 49'9 " | 49'9 " | 49'9" | 49'0" | 50'0" | 50'8 " | 48'8" | 49'9 " |
| Operating weight | kg | 26020 | 26330 | 25910 | 26080 | 25860 | 25970 | 27390 | 26020 | 25540 | 25880 |
| | Ib | 57,370 | 58,040 | 57,120 | 57,490 | 57,020 | 52,260 | 60,390 | 57,350 | 56,300 | 57,050 |

Bucket selection chart

The choice of bucket is determined by the density of the material and the bucket fill factor. The TP-linkage uses a more open bucket design, has very good rollback in all positions and fills the bucket very well. This means that the actual volume carried is often larger than the rated capacity of the bucket. Bucket fill factor in different materials and how they affect the actual bucket volume are shown below. Example: Sand and gravel. Fill factor ~105%. Density 2870 lb/yd3. Result: The 4,2 m3/ 5.5 yd3 bucket carries 4,4 m3/5.8 yd3. For optimum stability always consult the bucket selection chart.

| Material | Bucket fill, % | Mate dens ton/r | ity, | buci volu m ³ | me, | Actual volume m³ vo | | |
|-------------|-------------------|-----------------------|------|--------------------------------|-----|---------------------------|-----------------|--|
| Forth/Clay | 10.5 | 711.22 | | | yd3 | - 1000 | yd ³ | |
| Earth/Clay | 110 | 1,60 | 2700 | 4,2 | 5.5 | 4.6 | 6.0 | |
| | | 1,55 | 2620 | 4,4 | 5.8 | 4.8 | 6.3 | |
| | 1 | 1,45 | 2450 | 4,6 | 6.0 | 5,1 | 6.6 | |
| Sand/Gravel | 105 | 1,70 | 2870 | 4.2 | 5.5 | 4.4 | 5.8 | |
| | - | 1,60 | 2700 | 4.4 | 5.8 | 4.6 | 6.0 | |
| | hw. | 1,50 | 2535 | 4,6 | 6.0 | 4.8 | 6.3 | |
| Aggregate | 100 | 1,80 | 3040 | 4.2 | 5.5 | 4.2 | 5.5 | |
| | - | 1.70 | 2870 | 4.4 | 5.8 | 4.4 | 5.8 | |
| | Ner | 1,60 | 2700 | 4,6 | 6.0 | 4.6 | 6.0 | |
| Rock | ≤100 | 1,70 | 2870 | 4,2 | 5.5 | 4,2 | 5.6 | |
| | | | | | | | | |

The size of rock buckets is optimized for penetration and filling capability rather than the density of the material.



Supplemental operating data

| | | Standard Boom | | | | | | | | | Long Boom | | | | | | |
|-------------------------|----|---------------|-----------------|-------|------------------|-------|------|-------|-------|-------|-----------------|-------|------------------|-------|-------|-------|--|
| Width over tires | | | 26.5 R25* L5 | | 30/65 R29* L3 | | Cw 1 | | Cw 2 | | 26.5 R25* L5 | | 30/65 R29° L3 | | Cw 2 | | |
| | mm | in | +30 | +1'2" | +175 | +6'9" | - | | - | | +30 | +1'2" | +175 | +6'9" | - | | |
| Ground clearance | mm | in | +30 | +1'2" | +5 | +0'2" | - | | | | +30 | +1'2" | +5 | +0'2" | - | | |
| Tipping load, full turn | kg | lb | +900 | +1980 | +510 | +1120 | -900 | -1980 | +1375 | +3020 | +750 | +1650 | +430 | +950 | +1180 | +2600 | |
| Operating weight | kg | lb | | +2160 | | | | | | | | | | | | | |

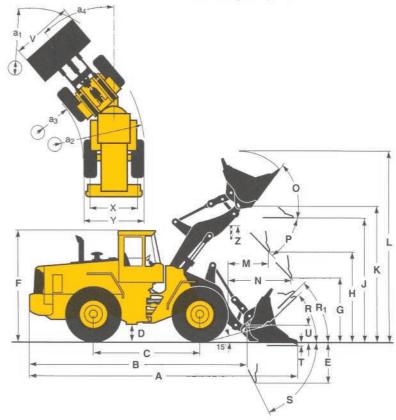
^{**)} at dump angle 45°

OPERATIONAL DATA & DIMENSIONS

Tires: 26.5 R25** L3

| Standard Boom | | | Long Boom | |
|----------------|----------------------|-------|------------------------|----|
| В | 6860 22'5" | mm | 7290 23'11 " | mm |
| С | 3550 11'8" | mm | 3550 11'8" | |
| D | 480 1'7" | mm | 480 1'7" | mm |
| F | 3560 11'8" | mm | 3560 11'8" | mm |
| G | 2135 7'0 " | mm | 2135 7'0 " | mm |
| J | 4090 13'5" | mm | 4600 15'1" | mm |
| K | 4480 14'8" | mm | 4970 16'4" | mm |
| 0 | 57 | 0 | 55 | 0 |
| P** | 45 | 0 | 45 | 0 |
| R | 44 | 0 | 48 | 0 |
| R,* | 48 | 0 | 53 | 0 |
| S | 71 | 0 | 63 | 0 |
| T | 100 3.9" | mm | 170 6.7 " | mm |
| U | 520 1'8" | mm | 630 2'1" | mm |
| X | 2280 7'6" | mm | 2280 7'6" | mm |
| Υ | 2950 9'8" | mm | 2950 9'8" | mm |
| Z | 4030 13'3" | mm | 4180 13'9" | mm |
| a_2 | 6780 22'3" | mm | 6780 22'3" | mm |
| a ₃ | 3830 12'7" | 55000 | 3830 12'7" | mm |
| a, | ±37 | 0 | ±37 | 0 |

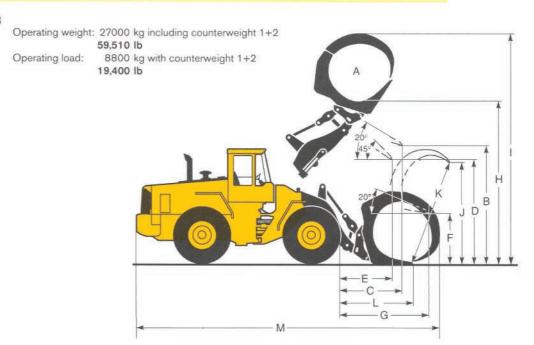
Where applicable, specifications and dimensions are in accordance with ISO 7131, SAE J732, ISO 7546, SAE J742, ISO 5998, SAE J818, ISO 8313.



Carry position SAE P max 49°

LOG GRAPPLE (hook on)

Tires: 26.5 R25** L3 A 3,5 m² 37.7 ft² В 3780 mm 12'5" C 2130 mm 7'0" D 3090 mm 10'1" 1620 mm E 5'6" 1620 mm F 5'4" G 3020 mm 9'11" 5120 mm 16'9" 7800 mm 25'7" J 3400 mm 11'2" 3650 mm K 12'0" L 2410 mm 7'11" M 9880 mm 32'5"



STANDARD EQUIPMENT

Engine

High-performance, low-emission Air cleaner, dry type, dual element, exhaust-aspirated precleaner Coolant level, sight gauge Coolant filter water drop Engine intake manifold preheater Dual fuel filter Water trap Muffler, spark-arresting Fan guard Hydraulically driven radiator fan

Electrical System

24 V - prewired for optional accessories Alternator, 24 V, 60 A Battery disconnect switch Fuel gauge Engine coolant temperature gauge Transmission oil temperature gauge Horn, electric Instrument panel with symbols Reverse alarm Contronic display Lights:

- · driving (2-Front), halogen with
- high/low beam
- · parking lights
- stop/tail combination (2 rear)
- · turn signals with hazard warning switch
- · working lights, halogen (2 front, 2 rear)
- · instrument lighting

Contronic Monitoring System, ECU

Engine shut down to idle Brake test Neutral start feature Test function for warning & monitoring lights

Information panel (Contronic): start configuration, setting language and units, operating hours, general operating information, stopwatch/trip meter, cycle counter, service interval

engine

electrical system transmission axles/brakes

Warning & monitoring lights:

- · air cleaner restriction
- · engine preheater
- · alternator malfunction
- working lights
- · high beam driving lights
- direction indicator, hazard
- differential lock

Central warning:

- · engine oil pressure
- engine coolant temperature (buzzer)
- transmission oil pressure
- · transmission oil temperature
- · brake system pressure (buzzer)
- · parking brake applied (buzzer)
- · steering pressure
- axle oil temperature (buzzer)
- · transmission oil filter
- engine/tranmission overspeed (buzzer)

Drivetrain

Transmission: modulated with single lever control, Automatic Power Shift generation II, and operator controlled declutch Forward and reverse switch on hydraulic console Differentials: front 100%, hydraulic differential lock

Tires 26.5 R25* L2 Brake System

rear, conventional

Wet, internal oil circulation-cooled, outboard-mounted disc brakes, 4-wheel, dual circuit Brake system, secondary

Cab

ROPS (SAE J1040CC) (ISO 3471), FOPS (SAE J 231) (ISO 3449).

Acoustical lining Ashtray Cigarette lighter Door lockable (left side access) Dual service brake pedals

Heater/defroster/pressurizer 11 kW 37500 Btu/h with four-speed blower fan

Filtered air Floor mat Interior light

Mirror rearview interior Mirrors rearview (2), exterior

Openable window, right side Safety glass, tinted

Tiltable and telescoping steering wheel

Retractable seat belt (SAE J386) Seat, heated, ergonomically designed, suspension adjustable Sliding window door Storage compartment Sun visor

Intermittent wiper, front Washer, front and rear Cab access steps and handrails Fenders, front & rear with anti-skid-

Windshield wiper, front & rear

Hydraulic System

Main valve, 3-spool Pilot valve, 3-spool Vane pump Bucket lever detent Bucket leveler, automatic with position indicator, adjustable Boom lever detents Boom kickout, automatic, adjustable Hydraulic control lever safety latch Hydraulic oil cooler Boom lowering, stopped engine Power-down/float, detent

External Equipment

Isolation mounts: cab, engine, transmission, radiator Lifting lugs Side panels, engine hood Steering frame lock Vandalism lock, provison for: batteries, engine oil Fuel strainer Drawbar hitch

OPTIONAL EQUIPMENT

Service and maintenance equipment

Toolbox Auto lube system

Engine

Cold starting aid, engine coolant preheater (110 V/1500 W) Pre-cleaner, oil bath type Pre-cleaner, turbo type Radiator, corrosion-protected

Electrical System

Attachment lights (halogen) Working lights front, extra Working lights rear, extra Rotating beacon, amber with collapsible mount Loud horn, electrical Alternator, 100A

Drivetrain

Limited slip differential, rear axle

Cab

Installation kit for radio Hand throttle Sliding Window, right side Seat, air-suspended, heated Seat belt, 3 in. Speedometer Air-conditioner Left-hand armrest

Hydraulic System

Hydraulic control, 3rd function Hydraulic control, 4th function, electrical Boom Suspension System Hydraulic function 3rd, hydraulic pilot hoses preinstalled Return line 3rd hydraulic control Attachment bracket with separate

Biodegradable hydraulic fluid

locking system

External Equipment

Counterweight 1: 470 kg 1040 lb Counterweight 2: 720 kg 1590 lb Fenders, axle-mounted Fenders, rubber extensions

Other Equipment

Comfort Drive Control (CDC) Secondary steering External brake oil cooling system Long Boom Arctic kit

Protective Equipment

Guards for headlights Guards for rear working lights Guards for side and rear window Windshield guard Guards for rear lights Bellyguard, front and rear Protection plate under cab Protection plate, valve front frame

Tires

26.5-25 26.5 R25* 30/65 R29

Attachments

Buckets

- · straight edge, rock
- · spade nose, rock
- · general purpose
- · light material · hi-dump

Bucket teeth, bolt-on

Wear segments between teeth, bolt-on

Cutting edge, 3 pc. reversible, bolt-on Rock bucket spillguard Fork equipment Material-handling arm

Timber grapples Rib kits

Under our policy of continuous product 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 Construction Equipment Group