

Volvo Construction Equipment
Building Tomorrow



L30B PRO, L35B PRO

Volvo Compact Wheel Loaders



A passion for performance

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

Helping you to do more

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

Designed to fit your needs

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



You learn a lot in 180 years

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

We're on your side

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

We have a passion for performance.



Volvo Trucks



Renault Trucks



Mack Trucks



UD Trucks



Volvo Buses



Volvo Construction Equipment



Volvo Penta



Volvo Financial Services

Taking performance, Versatility to a new level

The Volvo L30B Pro and L35B Pro Compact Wheel Loaders are packed with performance to give you a highly productive, highly versatile machine. Both models allow you to do more with less effort. Test one and you'll discover a compact wheel loader that brings efficiency and performance to a new level.

The L30B Pro and L35B Pro have efficient direct injection Volvo diesel motors that are high on performance output and low on fuel consumption, saving you money on every job. And while you'll be able to move plenty of earth, you won't be a disruptive environmental force because of the low emission exhaust/gas ratio that meets new ISO 8178 standards.

Easy on, easy off differential locks keep the operator in control at all times. One hundred percent operator selectable front and rear axle differential locks give optimum traction on adverse terrain and help keep all wheels turning at the same speed.

The separate working and steering hydraulic pumps raise performance and provide faster work cycles. Quick steering actions won't impact performance because the independent hydraulic system always maintains the same speed when working and steering at the same time. The smoothness of the hydraulic control valve provides precise control during all hydraulic operations.

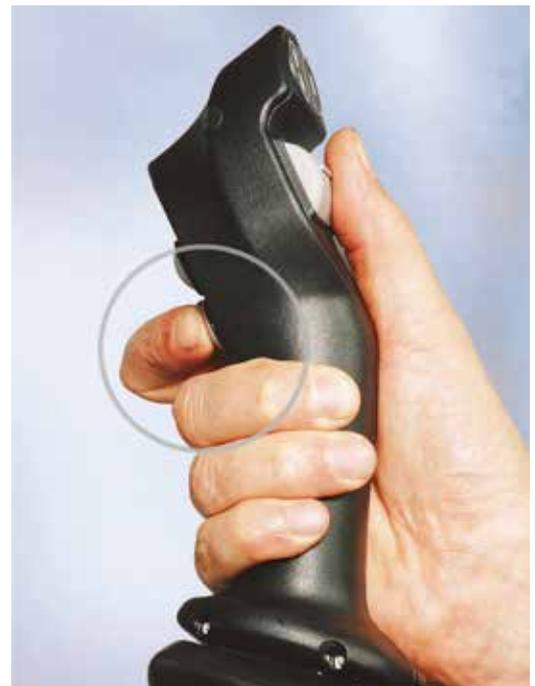
You'll also be able to go where other units can't because of heavy-duty portal axles that feature superb ground clearance. Super strong front and rear axles transmit optimal drive torque to the wheels, providing increased traction in the roughest conditions.

Both units have a highly agile frame that has an articulating/oscillating joint, helping you reach tight areas. The compensation provided by the front and rear frame oscillation helps the operator enjoy comfort, stability and superior steering on all surfaces, including uneven terrain.

The beveled lower side counterweight allows both units to operate up or down extremely steep slopes, giving the operator use of a versatile machine built for a variety of job sites and conditions.



Big on output, low on fuel to save money on every job.



Operator selectable differential locks provide optimal traction.



Separate hydraulic pumps provide fast cycle times.



Superb ground clearance, drive torque and traction.

Control valve for smooth, precise hydraulic control.



Articulating frame for work in tight areas.

Versatile machine operates on steep slopes.

The ability to comfortably take on any job

With an extensive selection of attachments available, the Model L30B Pro and Model L35B Pro can help you to do more than you ever thought possible. You'll be able to tackle the various jobs in the comfort and safety of a deluxe cab that makes your work much easier and your workday much shorter.

Changing attachments is fast and easy with the standard hydraulic quick coupler that lets you get connected right from the operator's seat. And there are a wide variety of available attachments, including forks, buckets, material handling arm, sweeper and a snowplow. There are also adapters available which allow attachments from other manufacturers to fit on the Z attachment carrier, providing even greater versatility.

Unleash the machine's power and potential with the Z-bar loader linkage, which features exceptional breakout force and parallel lift-arm action. Dual lift cylinders boost power for optimum lift height and fast cycle times. And because the Z-bar loader linkage is long and narrow, the operator always has a clear view of the loading fork, this is also the case for the TP-loader linkage available on the L35B pro.

Both units feature narrow ROPS columns, wide windows and a rounded rear section to provide the operator with 360° of visibility to simplify operation and enhance safety.

The cab features large anti-slip steps and handrails for safe access from both sides of the machine so the operator always has three points of contact. Inside the cab, you'll find one of the most spacious operator stations in its category, providing exceptional comfort for increased productivity. Easy-to-read controls put you in command of an operator-friendly workhorse. And you'll be able to instantly monitor all functions because of well-positioned control gauges.

An ergonomic joystick provides effortless handling of multiple functions, including lift, lower, dig, dump, drive direction and differential locks. The enclosed, cab features climate control systems, and an adjustable operator's seat and steering column which help reduce fatigue.



Hydraulic quick coupler for fast attachment changes.



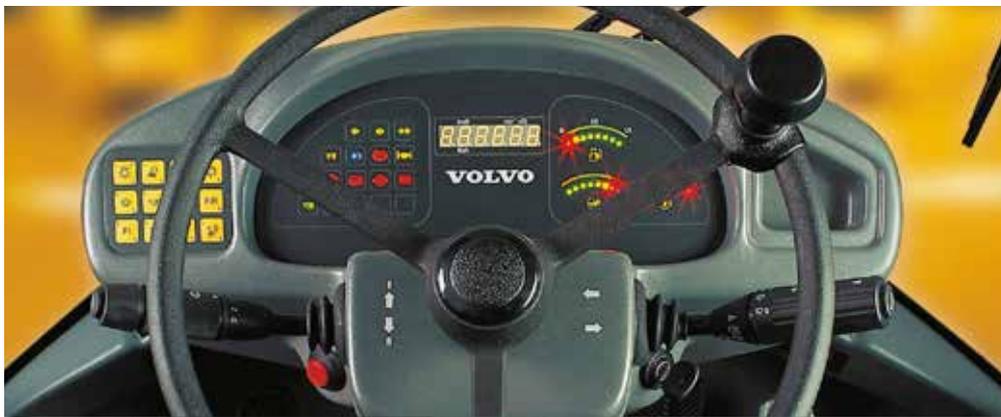
A wide variety of attachments available including material handling arm.



4 in 1 bucket.



Sweeper.



Easy-to-read dashboard puts you in control.
Spacious cab offers comfort and visibility.
Z-bar linkage provides excellent visibility of attachments.
Anti-slip steps provide easy, safe cab access.
Ergonomic control for multiple functions.



Enduring quality That's always easy to maintain

Along with performance and versatility, the Volvo L30B Pro and L35B Pro Compact Wheel Loaders provide superb quality and serviceability. More care and quality is built in for maximum uptime. When repairs are needed, both units offer easy-access serviceability to get you back to work faster.

Every Volvo machine features high quality assembly and quality control and because Volvo uses up-to-date products from suppliers, you're guaranteed the highest quality and reliability.

The durable bucket teeth are built tougher than ever for improved digging ability. You can handle the toughest workloads and feel the power of the direct injection diesel engine and sturdy robot-welded frame. Adjustable fenders give you added flexibility and wheel coverage, regardless of tire size.

Both units offer easy access for routine or extensive service. Under the lift-up bonnet, you'll find transverse-mounted service points and simplified access to the air, oil, fuel and hydraulic filters. Longer service intervals help reduce maintenance costs and keep you on the job, instead of under the engine hood. Both machines feature long-life timing belts and a long-lasting standard water separator to ensure optimal performance, minimal wear and maximum uptime for the life of the machine. Daily servicing is easy with ground-level access for fuel fill and grease points.

The hydraulic hoses and electrical cables are guided through the middle of the central articulation/oscillation joint for maximum protection. This superior design helps avoid expensive machine downtime and repairs.

The units are also built for safety, with ROPS/FOPS certified cabs, seatbelts, hydrostatic braking system, front and rear work lights and a sound insulated hood that protects operator hearing. It all adds up to a safer working environment for both the operator and those working near the unit.



Protected hoses and cables to avoid expensive downtime.



Long service intervals and easy-access filters.



Quality components and construction ensure long life.



The bucket teeth provide quality and power.

Easy service access to the engine compartment.



Long lasting hydraulic filters, to reduce costs.

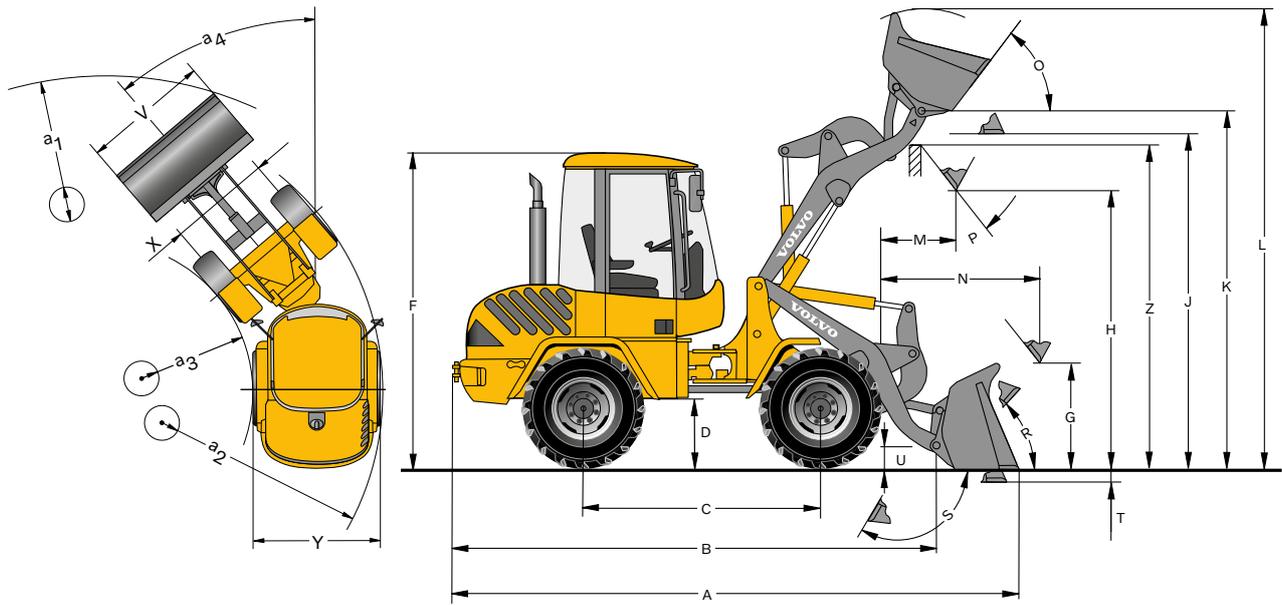
ROPS/FOPS certified cab for safe operation.

Volvo L30B Pro, L35B Pro in detail

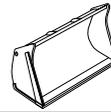
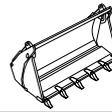
Engine		
Volvo in-line 4-cylinder, 4 stroke, direct injection diesel engine with turbocharging, oil/air cooled. Compliant to Tier III/ Stage 3A environmental regulations. Air cleaning: 1. Paper filter with indicator in cab / 2. Safety filter		
	L30B Pro	L35B Pro
Engine	D3.6D	D3.6D
Gross power @	2 300 r/min	2 600 r/min
SAE J1995	52 kW - 70.7 hp	59.3 kW - 80.6 hp
Net power @	2 300 r/min	2 600 r/min
SAE J1349 - DIN ISO 1585	50.1 kW - 68.1 hp	55 kW - 75 hp
Max torque @	1 600 r/min	1 600 r/min
SAE J1995 netto	240 Nm	240 Nm
DIN ISO 1585	240 Nm	240 Nm
Cubic capacity	3 620 cm ³	3 620 cm ³
Electrical system		
	L30B Pro	L35B Pro
Voltage/Battery capacity	12 V - 88 Ah	12 V - 88 Ah
Alternator rating	1 120 - 80 W/A	1 120 - 80 W/A
Starter motor output	2.2 kW	2.2 kW
Drivetrain		
Transmission: hydrostatic transmission, full power shift under load, both when changing direction (forward and reverse) and between ranges. Maximum drawbar force can be achieved in all ranges. "Inch/brake pedal" for variable machine speed control and power transfer to bucket hydraulics at constant engine rpm. Multi-function lever for change of direction, differential lock and use of the servo-control. Axles: all-wheel drive by two rigid portal axles. Differential locks: hydraulically actuated 100% differential locks in both axles. Frame: solid front and rear frame, robot-welded. Articulating oscillating joint for optimum manoeuvrability and traction.		
	L30B Pro	L35B Pro
Oscillation at wheel, max.	250 mm	270 mm
Track	1482 mm	1532 mm
Angle of oscillation	±10°	±10°
Tire /Rim size	365/80R2 /11x20	405/70R2 /13x20
Maximum speed	(Standard)	(High Speed)
1st range forward/reverse	6 km/h	8 km/h
2nd range forward/reverse	20 km/h	30 km/h
Brake system		
Service brake: reliable dual braking system, acting upon all four wheels. 1. Wear-free, hydrostatic inching brake 2. Central friction brake, actuated via "inch/brake pedal". First stage of pedal application actuates the inching facility, the last third of pedal application applies the central friction brake. Parking brake: central drum brake, acting upon all four wheels.		

Steering system		
Hydrostatic steering. Central articulating-ocillating joint with damping effect. Angle of articulation ±40° Steering pump/gear-type pump		
	L30B Pro	L35B Pro
Flow @ engine	25 l/min 2 300 r/min	29 l/min 2 600 r/min
Relief valve pressure	18.5 MPa	18.5 MPa
Cab		
Instrumentation: All important information is centrally located in the operator's field of vision.		
Hydraulic system		
Thermostatically controlled oil circuit with integrated cooling system. Hydraulic control valve: Servo-controlled, double acting control valve with three spool system, with primary and secondary pressure valves. 1. Lifting function / 2. Tilting function / 3. Additional function for hydraulic QC. Unlock, neutral, lock. Preparation for operating hydraulic attachments with this function is available as an option. Hydraulic oil filter: Combined suction and return-filtration cartridge with a 10 µm filter. The filter can be replaced without emptying the hydraulic oil tank. Hydraulic pump / gear type-pump		
	L30B Pro	L35B Pro
Flow @ engine	55 l/min 2 300 r/min	73 l/min 2 600 r/min
Relief valve pressure	25 MPa	25 MPa
Linkage		
Powerful Z-bar loader-linkage. L35BPro is also available with TP linkage.		
	L30B Pro	L35B Pro
Lift cylinders / Tilt cylinders	2/1	2/1
Lift time (loaded)	6.5 s	5.5 s
Lowering time (empty)	3.5 s	3.5 s
Dump time	1.5 s	1.2 s
Crowd time	2.0 s	1.5 s
Capacities		
	L30B Pro	L35B Pro
Engine	10.5 l	10.5 l
Fuel tank	86.0 l	86.0 l
Front axle	12.2 l	12.2 l
Rear axle, incl. drop-box	13.5 l	13.5 l
Hydraulic tank, incl. hydraulic system	65.0 l	65.0 l

Specifications - L30B Pro



DATA ACCORDING TO BUCKET TYPE

L30B Pro with Z-bar linkage, Z-attachment carrier and 365/80 R20 tires	General Purpose		4-in-1	
				
Capacity heaped	m ³	1.0	1.1	0.9
Material density	kg/m ³	1 900	1 700	1 900
Static tipping load, straight (ISO / DIS)	kg	4 350	4 250	4 000
Static tipping load, full turn 38° (ISO / DIS)	kg	3 850	3 800	3 550
Hydraulic lifting capacity, max.	kN	57.0	55.5	53.0
Breakout force	kN	61.0	53.0	53.0
A Total length	mm	5 140	5 240	5 240
L Lift height, max.	mm	4 220	4 260	4 130
V Bucket width	mm	1 900	1 900	1 900
a ₁ Clearance circle	mm	8 490	8 550	8 560
T Digging depth	mm	50	50	55
H Dump height	mm	2 580	2 505	2 480
M Reach at max. height	mm	680	745	710
N Reach, max.	mm	1 455	1 525	1 490
Operating weight	kg	5 500	5 520	5 710

DIMENSIONS

L30B Pro with Z-bar linkage,
Z-attachment carrier and
365/80 R20 tires

Description	Unit	
B	mm	4 340
C	mm	2 150
D	mm	600
F	mm	2 740
G	mm	900
J	mm	3 060
K	mm	3 260
O	°	70
P	°	45
R	°	50
S	°	140
U	mm	200
X	mm	1 482
Y	mm	1 835
Z	mm	2 960
a ₂	mm	3 900
a ₃	mm	2 030
a ₄	°	±40

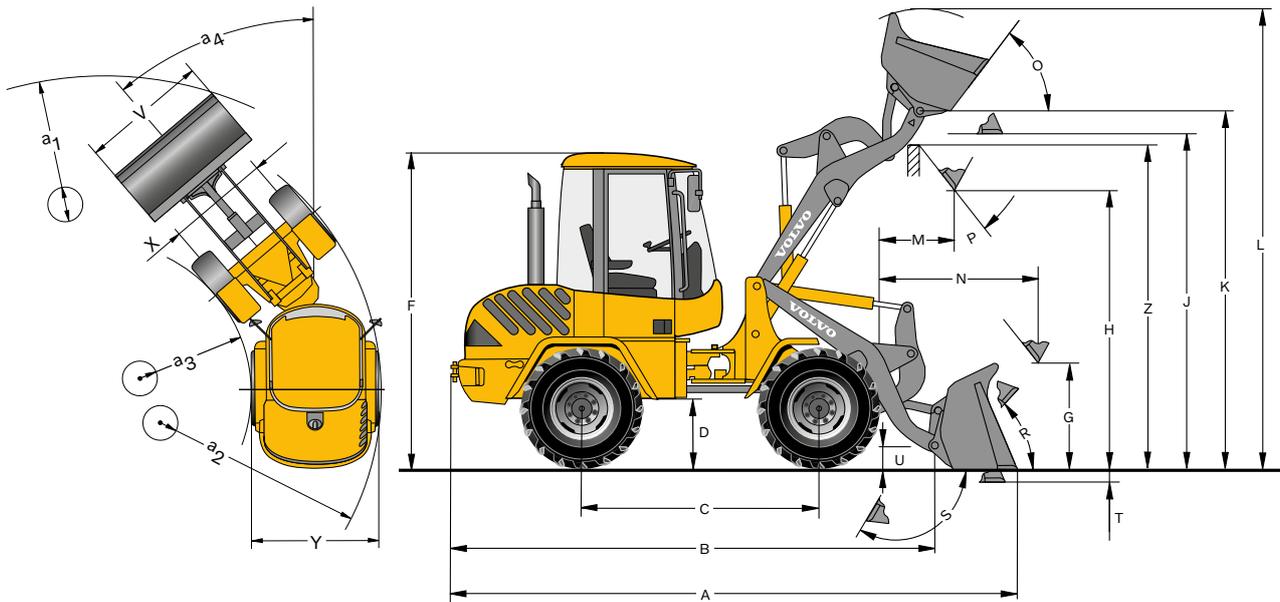
DATA WITH LOADING FORK

Centre of gravity 500 mm

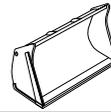


Description	Unit	
Tipping load, full turn (ISO / DIS)	kg	3 000
Payload according to EN 474-3, 60/80%	kg	1 800/2 400
Payload 80%, transport position, 40 ° full turn	kg	2 500

Specifications - L35B Pro



DATA ACCORDING TO BUCKET TYPE

	General Purpose		4-in-1
			
L35B Pro with Z-bar linkage, Z-attachment carrier and 405/70 R20 tires			
Capacity heaped	m ³	1.2	1.2
Material density	kg/m ³	1 800	1 700
Static tipping load, straight (ISO / DIS)	kg	4 950	4 750
Static tipping load, full turn 40° (ISO / DIS)	kg	4 350	4 200
Hydraulic lifting capacity, max.	kN	61.5	59.5
Breakout force	kN	60.5	52.5
A Total length	mm	5 280	5 380
L Lift height, max.	mm	4 320	4 340
V Bucket width	mm	2 100	2 000
a ₁ Clearance circle	mm	8 760	8 730
T Digging depth	mm	95	95
H Dump height	mm	2 670	2 590
M Reach at max. height	mm	750	810
N Reach, max.	mm	1 570	1 630
Operating weight	kg	6 250	6 260

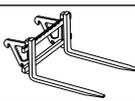
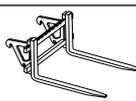
DIMENSIONS

L35B Pro with Z-bar linkage, Z-attachment carrier and 405/70 R20 tires

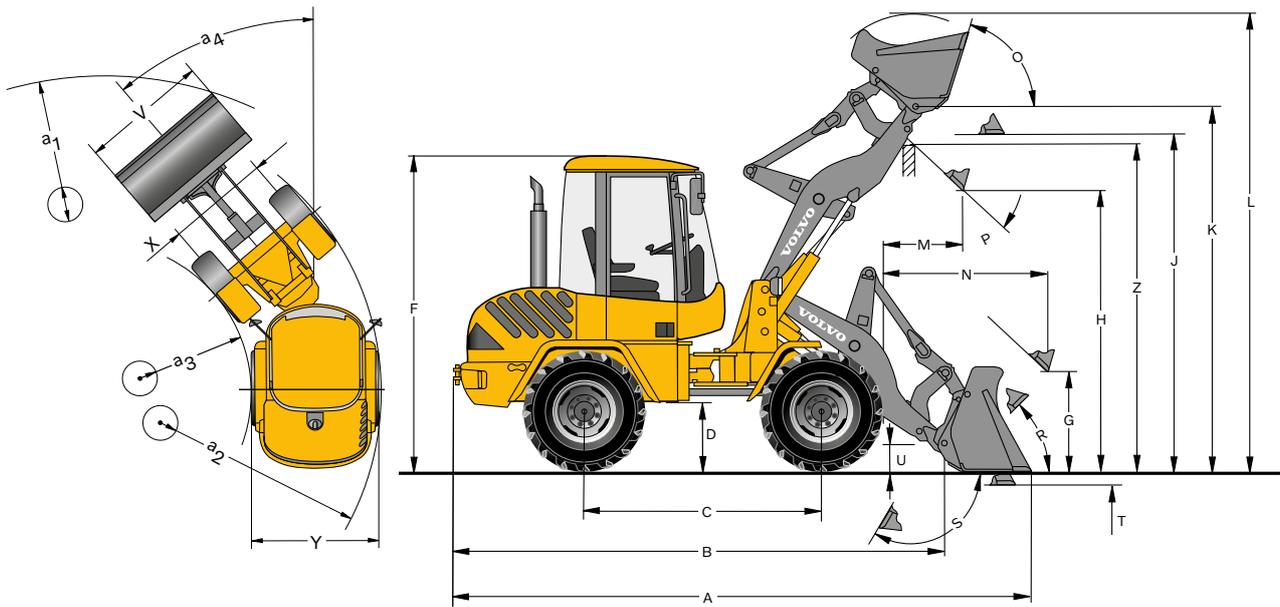
Description	Unit	
B	mm	4 485
C	mm	2 150
D	mm	610
F	mm	2 745
G	mm	900
J	mm	3 145
K	mm	3 345
O	°	66
P	°	45
R	°	50
S	°	135
U	mm	200
X	mm	1 532
Y	mm	1 932
Z	mm	3 050
a ₂	mm	3 960
a ₃	mm	1 980
a ₄	°	±40

DATA WITH LOADING FORK

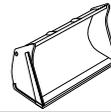
Centre of gravity 500 mm

Description	Unit		
Tipping load, full turn (ISO / DIS)	kg	3 340	3 300
Payload according to EN 474-3, 60/80%	kg	2 000/2 500	2 000/2 600
Payload 80%, transport position, 40 ° full turn	kg	2 500	2 800

Specifications - L35B Pro TPZ



DATA ACCORDING TO BUCKET TYPE

L35B Pro with TP- linkage, Z-attachment carrier and 405/70 R20 tires	General Purpose		4-in-1	
				
Capacity heaped	m ³	1.0	1.2	0.9
Material density	kg/m ³	1 800	1 500	1 900
Static tipping load, straight (ISO / DIS)	kg	4 200	4 150	3 900
Static tipping load, full turn 40° (ISO / DIS)	kg	3 700	3 650	3 450
Hydraulic lifting capacity, max.	kN	57.0	55.5	54.0
Breakout force	kN	62.5	54.5	59.0
A Total length	mm	5 280	5 380	5 320
L Lift height, max.	mm	4 290	4 330	4 200
V Bucket width	mm	2 000	2 000	2 000
a ₁ Clearance circle	mm	8 670	8 730	8 700
T Digging depth	mm	90	90	90
H Dump height	mm	2 610	2 535	2 560
M Reach at max. height	mm	725	785	715
N Reach, max.	mm	1 545	1 605	1 535
Operating weight	kg	6 100	6 120	6 285

DIMENSIONS

L35B Pro with TP - linkage,
Z-attachment carrier and 405/70
R20 tires

Description	Unit	
B	mm	4 455
C	mm	2 150
D	mm	580
F	mm	2 715
G	mm	900
J	mm	3 100
K	mm	3 350
O	°	63
P	°	45
R	°	50
S	°	58
U	mm	250
X	mm	1 532
Y	mm	1 932
Z	mm	3 020
a ₂	mm	3 960
a ₃	mm	1 980
a ₄	°	±40

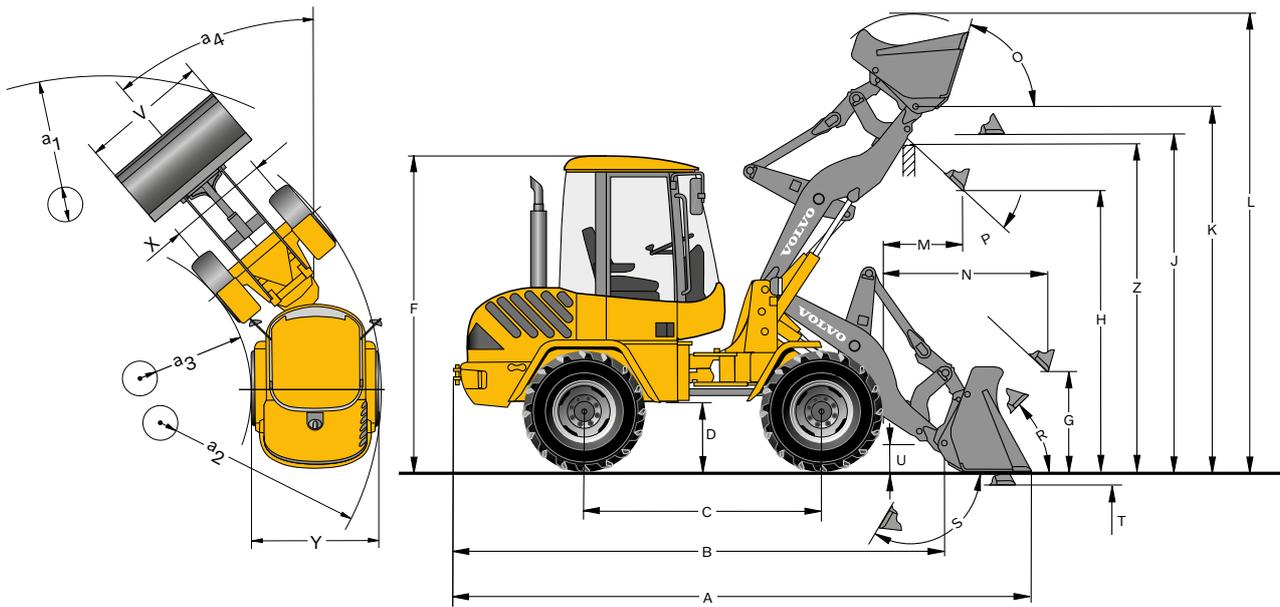
DATA WITH LOADING FORK

Centre of gravity 500 mm

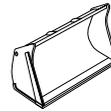


Description	Unit	
Tipping load, full turn (ISO / DIS)	kg	2 930
Payload according to EN 474-3, 60/80%	kg	1 750/2 300
Payload 80%, transport position, 40 ° full turn	kg	2 500

Specifications - L35B Pro TPV



DATA ACCORDING TO BUCKET TYPE

L35B Pro with TP- linkage, V-attachment carrier and 405/70 R20 tires	General Purpose		4-in-1	
				
Capacity heaped	m ³	1.0	1.2	0.9
Material density	kg/m ³	1 800	1 400	1 800
Static tipping load, straight (ISO / DIS)	kg	4 500	3 900	3 750
Static tipping load, full turn 40° (ISO / DIS)	kg	3 600	3 450	3 300
Hydraulic lifting capacity, max.	kN	52.0	50.5	49.0
Breakout force	kN	54.5	48.5	51.5
A Total length	mm	5 380	5 480	5 415
L Lift height, max.	mm	4 250	4 390	4 260
V Bucket width	mm	2 000	2 000	2 000
a ₁ Clearance circle	mm	8 730	8 800	8 760
T Digging depth	mm	85	85	85
H Dump height	mm	2 550	2 470	2 490
M Reach at max. height	mm	800	855	785
N Reach, max.	mm	1 620	1 675	1 600
Operating weight	kg	6 200	6 240	6 390

DIMENSIONS

L35B Pro with TP - linkage,
V-attachment carrier and 405/70
R20 tires

Description	Unit	
B	mm	4 455
C	mm	2 150
D	mm	580
F	mm	2 715
G	mm	850
J	mm	3 100
K	mm	3 350
O	°	63
P	°	45
R	°	50
S	°	58
U	mm	250
X	mm	1 532
Y	mm	1 932
Z	mm	3 100
a ₂	mm	3 960
a ₃	mm	1 980
a ₄	°	±40

DATA WITH LOADING FORK

Centre of gravity 500 mm



Description	Unit	
Tipping load, full turn (ISO / DIS)	kg	2 750
Payload according to EN 474-3, 60/80%	kg	1 650/2 200
Payload 80%, transport position, 40 ° full turn	kg	2 500

Equipment

ÉQUIPEMENT STANDARD
Engine
Diesel engine, direct fuel injection
Extra fuel filter
Cold start aid
Dry-type air filter
Electrical system
L30B Pro : Alternator 80 A
L35B Pro : Alternator 80 A
Main head lights (halogen) full/dipped/asymmetrical
Working lights (2 front/1 rear, right)
Parking lights
Rear lights
Brake lights
Direction indicators
Hazard warning lights
Reversing lights
Cab lighting
Instrumentation & controls:
Multi-function lever
12 Volt accessories socket
Horn
Hazard warning switch
Safety start.
Analog LED-information for:
Fuel level
Engine temperature
Drive system oil temperature
LED-illuminated symbols (colour-coded) for:
Direction (forward/reverse)
Indicators (left/right)
Pre-heater
Main beam
Differential locks.
LED-illuminated symbols (red) with acoustic signal for:
Parking brake
Air filter restriction
Drive system oil temperature
Engine temperature
Engine oil pressure
Battery charging
Return filter
Touch pad with symbols and integrated LEDs for:
Parking lights
Working lights (front/rear)
Windscreen wiper (rear)
Rotating beacon
Boom suspension system
Locking and activation of Volvo-attachment carrier (TPV)
Activation of directional change on joystick.
Digital LED display activated by dual function keys for:
Entry and retrieval of operating information
Anti-theft function control.
Drivetrain
Hydrostatic drive
Operator-selected 100% differential locks
Tires:
L30B Pro 365/80 R20
L35B Pro 405/70 R20.
Cab Exterior
ROPS/FOPS-cab with flexible mountings
Walk-through cab
Lockable doors
All-round tinted safety glass
Windscreen wiper (front/rear)
Windscreen washer (front/rear)
Sliding window in the left door
Door stops
External rear view mirrors (right/left)

ÉQUIPEMENT STANDARD
Cab Interior
4-way adjustable operator's seat
Adjustable steering column
Seat belt
Sunvisor
Heater with air-filter and defroster (front/rear)
Cab ventilation
Preparation for an optional air-conditioner
Storage box in the cab
3rd hydraulic circuit
Working Equipment
Bucket level indicator
Hydraulic quick-change attachment carrier
Hydraulic system
Gear-type pump
Control valve three-spool system
Carriage Body
Fenders front/rear
Lockable engine hood
Vertical exhaust
Towing device
Lifting eyes
Service and maintenance
Tool kit
Wheel nut wrench
International Standards for Machines and Production
Quality: DIN/ISO 9001
Safety: CE - Criteron
Machine guide-lines 98/37/EC ROPS ISO 3471 / FOPS ISO 3449
Operating weight ISO 7131
Tipping load / Payload: ISO / DIS 14397-1
EMV (ElectromagneticCompatibility) 89/336/EEC plus supplement
Environment: DIN/ISO 14001
Sound regulation: 2000/14/EC
German environmental seal "low noise" RAL - UZ 53 (20 km/h version)

OPTIONAL EQUIPMENT (Standard on certain markets)
Engine equipment
Pre-heater5D
Pre cleaner air filter (Turbo II)5D
Oilbath air filter5D
Exhaust particle filter5D
Cab
Handthrottle5D
Hand control inch valve5D
Airconditioner5D
Radio5D
Working light (1 rear, left)5D
Air suspension operator's seat5D
Hydraulic system
Hydraulic coupler for 3rd hydraulic circuit5D
4th hydraulic circuit5D
Additional pump5D
Environment
Initial filling of biodegradable hydraulic oil
Low noise kit (L30B Pro, 30 km/h version)
Safety
Anti-theft system
Protective guards for:
Main head lights
Working lights
Rear lights
Rotating beacon
Audible reverse alarm

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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