

WEICHAI | LOVOL



Engine	WEICHAI LOVOL
Engine Mark	WEICHAI
Rated Power	69.1kW / 82.9kW
Operation Weight (Standard Arm)	7600kg / 8020kg
Operation Weight (Telescopic Arm)	7730kg / 8100kg

Model
FLB468-II
SIDE-SHIFT BACKHOE LOADER

FLB468-II Backhoe Loader Specifications

Specification	Standard		Optional	
Engine				
Engine	WEICHAI LOVOL			
Engine Mark	WEICHAI			
Model	WP4G95E221	WP4G110E220		
Engine Type	Diesel Engine, 4 Stroke, 4 Cylinders, Inline, Direct Injection, Water Cooled, Turbocharger			
Number of Cylinder-Bore×Stroke	4-105×130mm			
Rated Engine Power / Speed (ISO)	69.1kW / 2200rpm	82.9kW / 2200rpm		
Engine Torque / Speed	389N·m / 1500rpm	433N·m / 1500rpm		
Displacement	4.5L			
Air Filter	Dry Air Filter			
Fuel Tank Capacity	130L	142L	152L	

- Intercooler (optional configuration)
- Engine oil cooler (optional configuration)
- Electrical fuel supply (optional configuration)

Transmission System

Type	Four Wheel Drive			
Transmission	Torque Converter			
Gear Shift	Power shift, synchro shuttle, 4 forward, 4 reverse		Power shuttle transmission, 4 forward, 4 reverse	
Max. Travel Speed	36km/h	40km/h	36km/h	40km/h
Front Tyre Size	14-17.5	12.5×18	14-17.5	12.5×18
Rear Tyre Size	19.5L-24	16.9×28	19.5L-24	16.9×28
Traction Force	67kN			

- The transmission adopts WEICHAI LOVOL, it is durable and reliable.
- Four wheel drive system, available with either four wheel drive (4WD) or two wheel drive (2WD).
- The differential lock operated on rear axle

Steering System

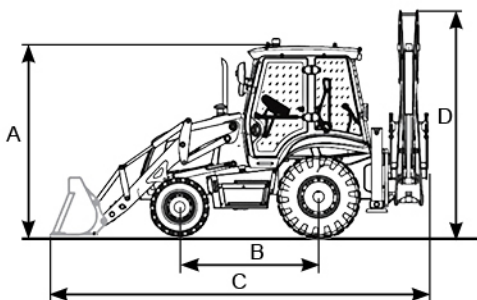
Type	Hydrostatic Power Steering
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Brake System

Service Brake	Wet Type-Power Braking
Parking Brake	Hand Brake

Hydraulic System

Hydraulic Pump	Gear Pump		Variable Flow Axial Piston Pump	
	Hydraulic Flow	142L/min	145L/min	135L/min
Hydraulic Pressure	225Bar	250Bar	250Bar	245Bar
Hydraulic Oil Capacity	130L		138L	



Specification	Standard		Optional	
Working Device				
Height to Top of Cab (A)	2700mm	2850mm	2870mm	
Wheelbase (B)	2170mm	2172mm	2175mm	
Overall Length (C)	5900mm	5900mm	5950mm	
Overall Height (D)	3500mm	3600mm	3820mm	
Loading Bucket Type	General Purpose Bucket		Multi Purpose Bucket (4 in 1)	
Loading Bucket Capacity	1.0m ³ (1.15m ³ SAE Heaped)			
Loading Bucket Width	2300 mm			
Rated Load	1700kg	3480kg		
Bucket Breakout Force	28kN	58kN	61kN	
Arm Breakout Force	37kN	58kN		
Dump Angle	43°	47°		
Loader Lifting Height (E)	4100mm			
Hinge Pin Height (F)	3500mm	3580mm		
Dumping Height (G)	2700mm	2720mm		
Fully Dump Reach at Full Height (H)	780mm	800mm		
Loader Digging Depth (I)	70mm	90mm		
Digging Bucket Type	Standard Profile Bucket			
Digging Bucket Capacity	0.18m ³ SAE Heaped			
Digging Bucket Width	610mm	650mm	700mm	
Bucket Digging Force	45kN	58kN	63.5kN	
Arm Digging Force	44kN	55kN	36kN	
Bucket Rotation Angle	180°	204°		
Side Shift	1010mm			
Digging Arm Type	Standard Arm		Telescopic Arm	
			Ret	Ext
Max. Digging Radius (J)	5300mm	5660mm	5500mm	6500mm
Max. Dumping Height (K)	3500mm	3650mm	3700mm	5000mm
Max. Digging Height (L)	5300mm	5660mm	5500mm	6000mm
Max. Digging Depth (M)	4000mm	4400mm	4500mm	5200mm

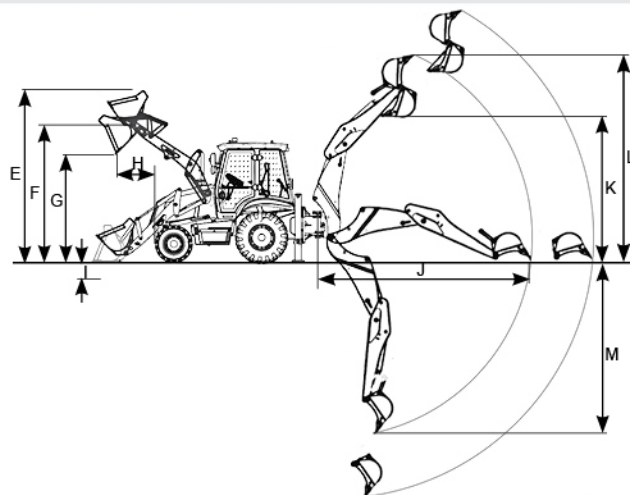
- Loader, excavator and branch leg (H-type) controlled by hydraulic system

Electrical System

Electric system	12V		
Battery	12V 100Ah		
Alternator	65A	150A	

Standard Equipment

- Rops canopy steel cab - compliant ROPS/FOPS, safe work, air condition
- Adjustable seat with safety belt suitable for various position working conditions
- Front & side instrument panel, front & rear wipers, horn, backup alarm



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As manufacturer, LOVOL has right to constantly upgrade and improve our products without informing to customers.
The pictures in illustrators are for reference only, the detailed specifications are subject to real products.