

WEICHAI | LOVOL



Engine	WEICHAI LOVOL
Engine Mark	WEICHAI
Rated Power	69.1kW / 82.9kW
Operation Weight (Standard Arm)	7900kg / 8020kg
Operation Weight (Telescopic Arm)	8500kg / 8600kg

Model
FLB468-II
SIDE-SHIFT BACKHOE LOADER
Emission II standard engine

FLB468-II Backhoe Loader Specifications

Specification	Standard		Optional	
Engine				
Engine	WEICHAI LOVOL			
Engine Mark	WEICHAI			
Model	WP4G95E221	WP4G110E220		
Engine Type	Diesel Engine, 4 Stroke, 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	
• The engine meets Stage II emission standard equivalent EU Stage II • Intercooler (optional configuration) • Engine oil cooler (optional configuration) • Electrical fuel supply (optional configuration)				

Transmission System

Type	Four Wheel Drive			
Front Axle Oscillation Angle	22°			
Transmission	Torque Converter			
Gear Shift	Power shift, synchro shuttle, 4 forward, 4 reverse		Power shuttle transmission, 4 forward, 4 reverse	
Max. Travel Speed	37km/h	40km/h	37km/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	70kN			

- 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			
Outside Front Wheels Turning Circle (A)	7.98m (with braked) / 8.86m (without braked)			
Outside Loader Bucket Turning Circle (B)	10.98m (with braked) / 11.73m (without braked)			

Brake System

Service Brake	Wet Type-Power Braking			
Parking Brake	Hand Brake			

Hydraulic System

Hydraulic System	Open Center		Closed Center		
Hydraulic Pump	Gear Pump		Variable Flow Axial Piston Pump		
Hydraulic Flow	145L/min	150L/min	154L/min	135L/min	150L/min
Hydraulic Pressure	225Bar	245Bar	250Bar	250Bar	250Bar
Hydraulic Oil Capacity	130L		138L	152L	

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

Optional Equipment

- Intercooler
- Hydraulic auger
- Automatic belt tensioner
- Flail head
- Hydraulic breaker
- GPS system

Specification	Standard		Optional			
Working Device						
Height to Top of Cab (C)	2700mm		2850mm		2890mm	
Wheelbase (D)	2170mm		2200mm		2250mm	
Overall Length (E)	5900mm		5900mm		5950mm	
Overall Height (F)	3500mm		3600mm		3820mm	
Loading Bucket Type	General Purpose Bucket		Multi Pupose Bucket (4 in 1)			
Loading Bucket Capacity	1.0m³ (SAE Heaped)		1.15m³ (SAE Heaped)			
Loading Bucket Width	2200 mm		2300 mm			
Rated Load	1700kg		3050kg		3480kg	
Bucket Breakout Force	28kN		58kN		61kN	
Arm Breakout Force	37kN		58kN			
Dump Angle	43°		45°		47°	
Loader Lifting Height (G)	4100mm		4300mm			
Hinge Pin Height (H)	3400mm		3500mm		3600mm	
Dumping Height (I)	2600mm		2800mm		2900mm	
Fully Dump Reach at Full Height (J)	780mm		800mm			
Loader Digging Depth (K)	70mm		95mm		110mm	
Rollback Angle at Ground Level	45°		47°			
Digging Bucket Type	Standard Profile Bucket					
Digging Bucket Capacity	0.18m³ SAE Heaped		0.20m³ SAE Heaped			
Digging Bucket Width	610mm		650mm		700mm	
Bucket Digging Force	45kN		58kN		63.5kN	
Arm Digging Force	44kN		55kN		63kN	
Swing Arc	180°					
Bucket Rationation Angle	180°		204°			
Side Shift	1010mm					
Digging Arm Type	Standard Arm			Telescopic Arm		
				Ret	Ext	
Max. Digging Radius (L)	5300mm	5450mm	5700mm	5350mm	6400mm	6700mm
Max. Loading Height (M)	3500mm	3600mm	3900mm	3350mm	4250mm	4400mm
Max. Digging Height (N)	5100mm	5200mm	5500mm	5000mm	5740mm	6200mm
Max. Digging Depth (O)	4000mm	4100mm	4300mm	4020mm	4600mm	5200mm
Loader, excavator and branch leg (H-type) controlled by hydraulic system						

Electrical System

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

