

SEM618B Wheel Loader



SEM618B Wheel Loader

Main Specifications

Rated Load Capacity	1,800 kg
Operating Weight	5,780 kg
Bucket Capacities	1.0m ³
Overall Dimensions L*W*H (mm)	5885x1936x2795

Engine

Rated Gross Power	60 kW
Model	YT4B3-24
Bore	108 mm
Stroke	125 mm
Displacement	4.58L
Peak Torque	278 Nm

Operating Specifications

Max. Rimpull	55 kN
Breakout Force	60 kN
Full Turn Static Tipping Load	3600 kg

Hydraulic System

Mechanical Control

Pump Displacement-Implement Pump	63 ml/rev
System Pressure Setting	17 MPa
Hydraulic Cycle Times:	
Raise	4.37 s
Dump	0.76 s
Lower (Empty, Float Down)	3.02 s
Total	8.15 s

Steering

Steering Angle Left/Right	35°±1°
Minimum Turning Radius Over Rear Tire	4229 mm
Minimum Turning Radius Over Bucket	4980 mm

Axle

Brand	BeiLian
Rear- Oscillating	± 12°

Brake System

Service Brake	Disk/Caliper
Parking Brake	Shoe/drum

Transmission

BeiLian

Type	Countershaft Powershift
Maker & Type	ZL15
Transmission Gear	F2/R2
Transmission pump pressure	1.3 + 0.2MPa

Service Refill Capacities

Cooling System	20 L
Engine Lubricating Oil	12 L
Oil for Converter and Gear Box	21 L
Differentials and Final Drives:	
Front	8 L
Rear	8 L
Hydraulic Tank	50 L

Tires

Size	16/70-20
Type	Bias
Layers	14
Textured Type	L3
Air Pressure	Front 0.25 MPa / Rear 0.25 MPa

Arrangement Drawing

