

SEM669C Wheel Loader



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Main Specifications

Rated Load Capacity	6,000 kg
Operating Weight	19,600 kg
Bucket Capacities	3.3-5.5 m ³
Max. Gradeability (°)	30°
Overall Dimensions L*W*H (mm)	8510x3092x3440

Engine

Rated Gross Power	175 kW / 235 hp
Model	SDEC SC11CB 240
Bore	120.65 mm
Stroke	152.4 mm
Displacement	10.45 L
Peak Torque	950 Nm

Operating Specifications

Max. Rimpull	185 kN
Breakout Force	190 kN

Hydraulic System

Pilot Control

Pump Displacement-Implement Pump	113 ml/rev
System Pressure Setting	18 MPa
Hydraulic Cycle Times:	
Raise	5.3 s
Dump	1.2 s
Lower (Empty, Float Down)	3.7 s
Total	10.2 s

Steering

Steering Angle Left/Right	38°±1°
Minimum Turning Radius Over Rear Tire	5990 mm
Minimum Turning Radius Over Bucket	7050 mm

Axle

Brand	SEM SO32
Front	Fixed with Calipers
Rear	Fixed with Osc. Frame and Calipers
Maximum Single - Wheel Rise and Fall	Oscillating ± 12°

Brake System

Service Brake	Dry & Caliper, Air-to-Oil Control
Parking Brake	Drum-Type Shoe Brake, Spring Applied & Air Released

Transmission

SEM 160B

Type	Countershaft	Powershift
Travel Speed:	I	II
Forward	6.1 km/hr	11.0 km/hr
Reverse	6.1 km/hr	11.0 km/hr
	III	IV
Forward	19.4 km/hr	30.6 km/hr
Reverse	19.4 km/hr	

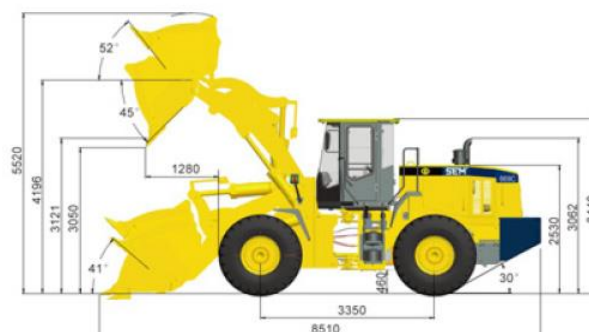
Service Refill Capacities

Fuel Tank	290 L
Cooling System	60 L
Engine Lubricating Oil	27.5 L
Oil for Converter and Gear Box	52 L
Differentials and Final Drives:	
Front	40 L
Rear	40 L
Hydraulic Tank	235 L

Tires

Size	23.5-25
Type	Bias
Layers	20
Textured Type	L3/E3
Air Pressure	Front 400 kPa / Rear 350 kPa

Arrangement Drawing



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