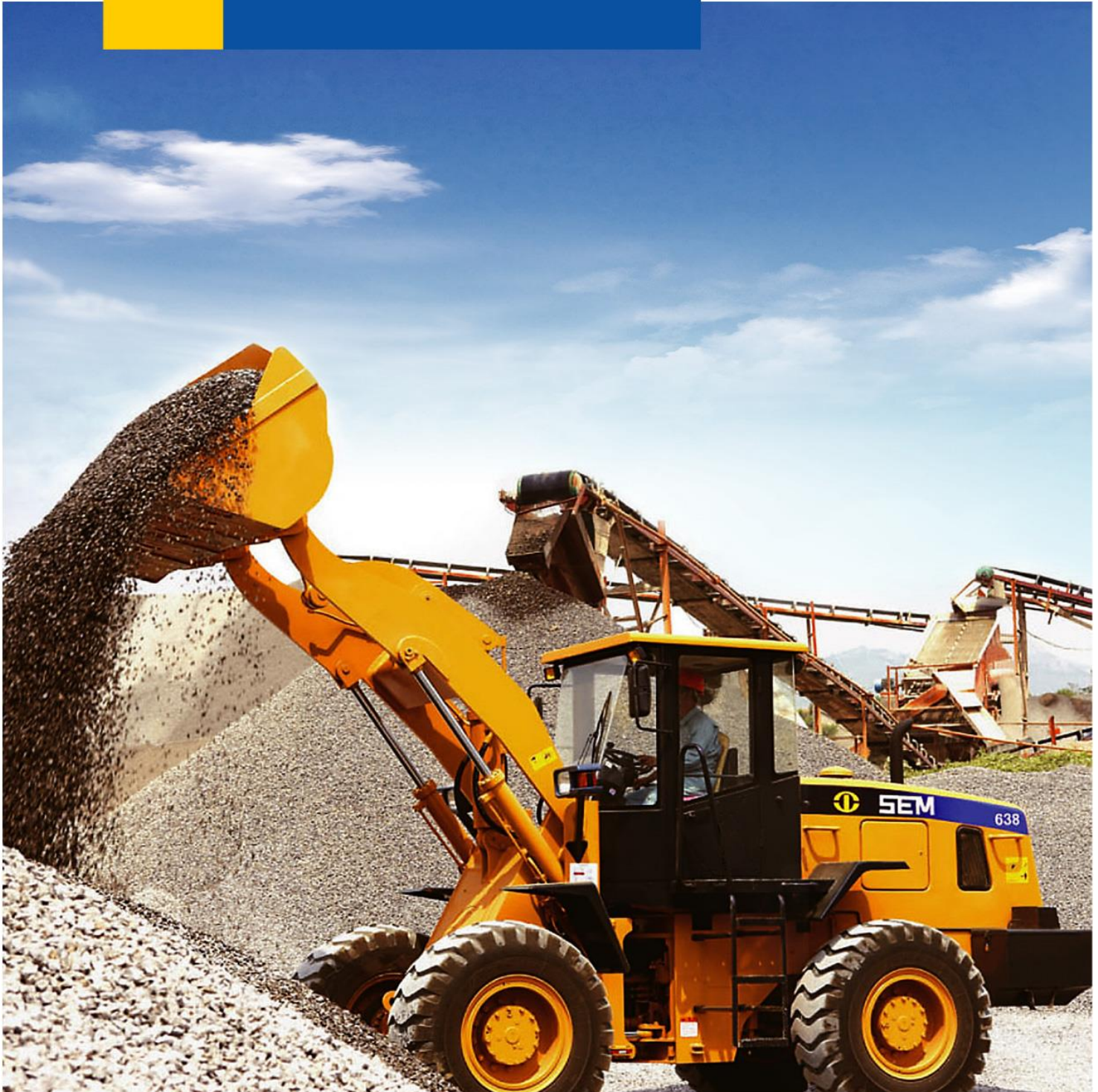


# SEM638 Wheel Loader



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# SEM638 Wheel Loader

## Main Specifications

Rated Load Capacity	3,000 kg
Operating Weight	9,340 kg
Bucket Capacities	1.7-2.5 m <sup>3</sup>
Overall Dimensions L*W*H (mm)	6802x2248x3215

## Engine

Rated Gross Power	92 kW / 123 hp
Model	Cummins 6BT5.9
Bore	102 mm
Stroke	120 mm
Displacement	5.88 L
Peak Torque	425 Nm

## Operating Specifications

Max. Rimpull	97 kN
Breakout Force	128 kN

## Hydraulic System

Pilot Control

System Pressure Setting	16.5 MPa
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Hydraulic Cycle Times:

Raise	4.82 s
Dump	1.07 s
Lower (Empty, Float Down)	3.24 s
Total	9.13 s

## Steering

Articulated, Load-sensing, Steering Priority

## Axle

Four Wheel Drive

Front Axle Fixed, Rear Axle Oscillating

Oscillating Angle of Rear Axle  $\pm 12^\circ$

## Brake System

Service Brake Air Assisted Oil Disc Type Four Wheel Brake

Parking Brake Spring Applied Air Released Inner Expands Hoof Type

## Transmission

SEM TR101

Type	Countershaft	Powershift
Travel Speed:	I	II
Forward	7.7 km/hr	14.2 km/hr
Reverse	9.7 km/hr	32.0 km/hr
	III	IV
Forward	26.5 km/hr	43.6 km/hr

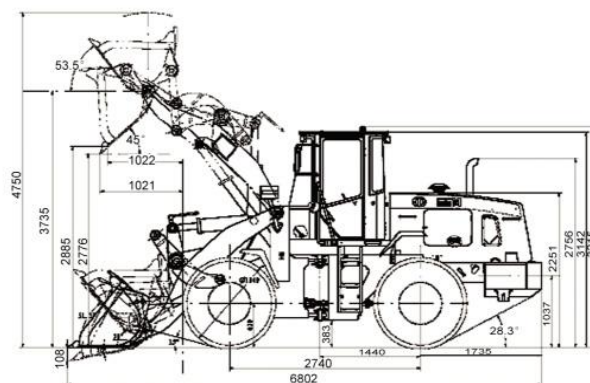
## Service Refill Capacities

Fuel Tank	151 L
Hydraulic Tank	138 L

## Tires

Size	17.5-25
Type	Bias
Layers	12
Textured Type	L3/E3
Air Pressure	Front 350 kPa / Rear 300 kPa

## Arrangement Drawing



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