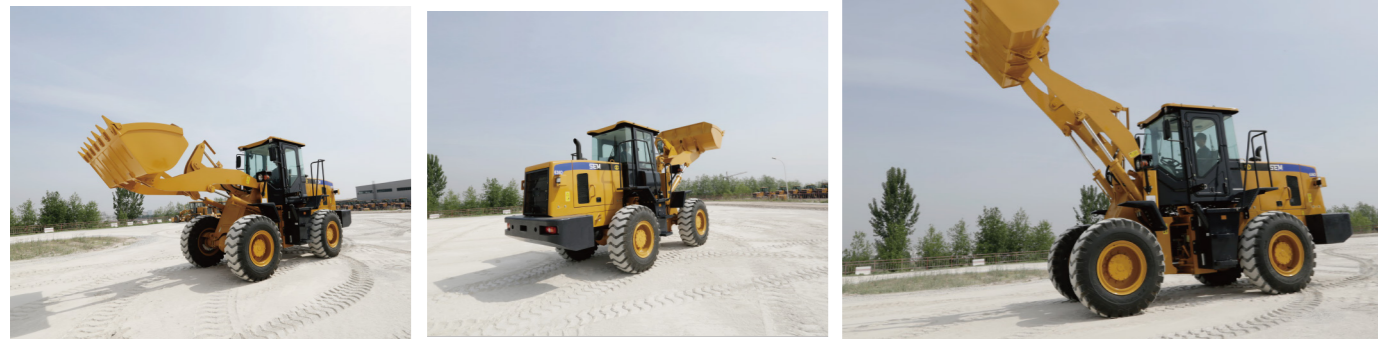
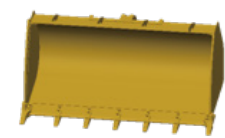


## Machine Applications

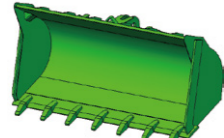
- Multiple work tools are available for selection



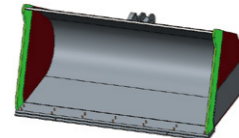
## Work Tool Options



Standard bucket 1.7m³



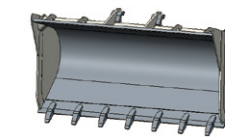
Bucket 1.5m³



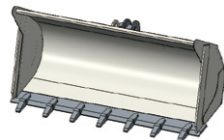
Bucket 2.5m³



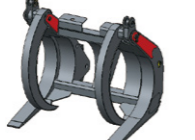
QC strengthen log fork



QC standard bucket 1.7m³



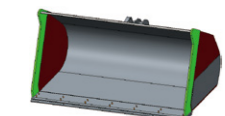
Sand bucket 1.5m³



Bigger capacity log fork



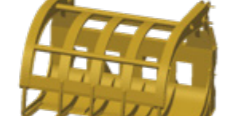
Strengthen log fork



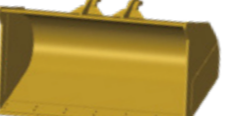
Coal bucket 2.5m³



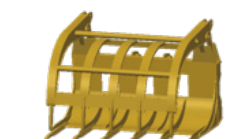
Standard bucket BOCE1.5m³



Hay fork



QC coal bucket



QC hay fork



Log Gripper

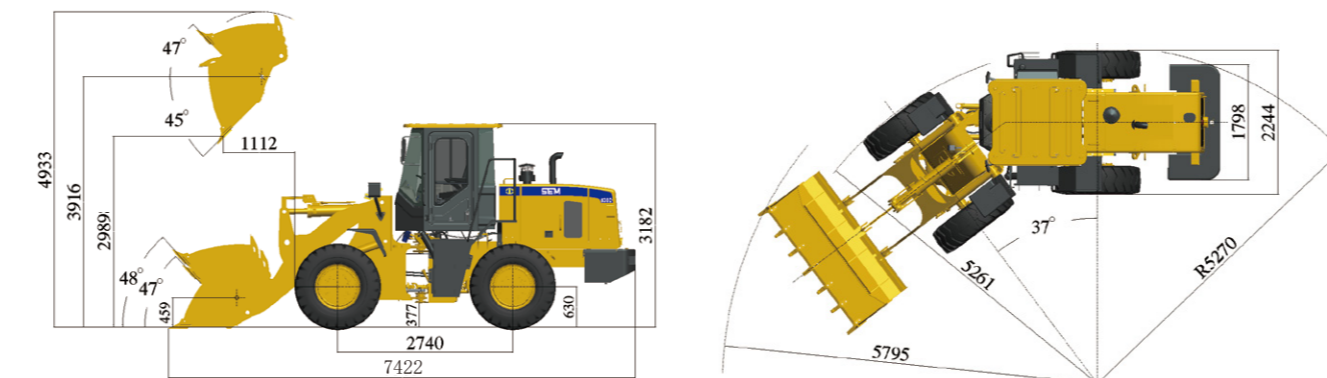


Pallet Fork

## Main Specifications

Items	SEM636D	Items	SEM636D
<b>Main Specifications</b>		<b>Engine</b>	
Rated Load	kg 3000	Model	Weichai WP6G125E22
Operating Weight with Standard Bucket	kg 10133	Rated Power	kW 92
Bucket Capacity	m³ 1.5-2.5	Rated Speed	r/min 2200
Wheel Base	mm 2740	Displacement	L 6.754
Overall Dimension	mm 7422*2354*3182	<b>Implement Hydraulic</b>	
Operating Specifications		Implement System Type	Gear pump
Breakout Force	KN 113	Boom Raise Time	s 4.65
Dump Clearance	mm 2989	Hydraulic Cycle Time	s 8.34
Articulated Angle	37±1	System Pressure Setting	Mpa 18
Transmission		Brake System	
<b>Transmission Type</b>		<b>Service Brake</b>	
Countershaft,power shift		Dry&caliper,air to oil control	
Transmission Gears		Parking Brake	
F4/R2		"Drum type shoe brake, spring applied & oil released"	
Torque Converter Type		<b>Steering System</b>	
Single stage 3 elements		System Type	
Maker & Type		SEM TR100	
Forward I/Reverse I		Steering PumpType	
7.9/9.7		Mpa Gear pump	
Forward II/Reverse II		System Pressure Setting	
14/31		14	
Forward III/Reverse III		<b>Tires</b>	
25/NA		Size	
Forward IV/Reverse IV		17.5-25	
<b>Axle</b>		Type	
Spiral bevel gear,single stage		PR	
Layer		12	
Final Drive Reduction Type		Txtured Type	
Planetary type,single stage		L-3	
Rear - Oscillating +/-		±12	

## Machine Dimensions



► Note: the above dimensions are based on the standard configuration.

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Version: Version: October 2017 - Weichai II

# SEM636D Wheel Loader



## SEM636D

### Product Advantage

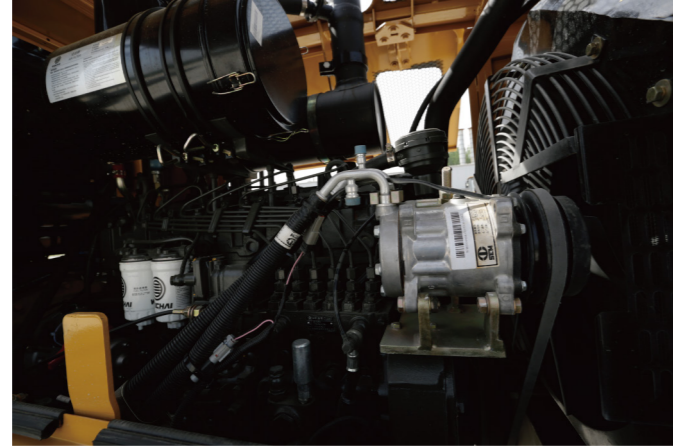
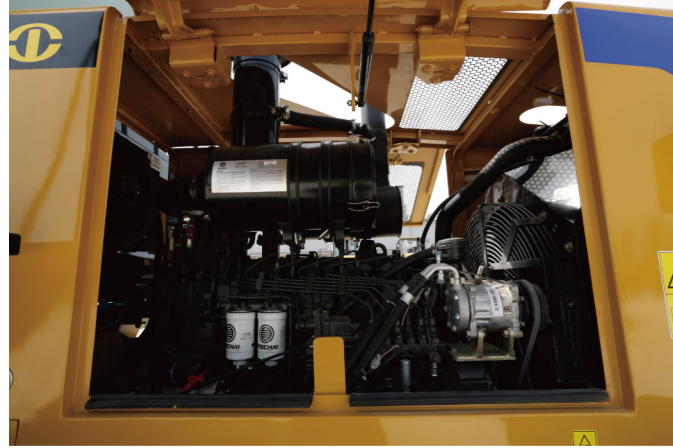
- High Productivity
- Best-in-class Reliability and Durability
- Excellent Fuel Economy
- Outstanding Operator Comfort

Website <http://www.semmachinery.com>



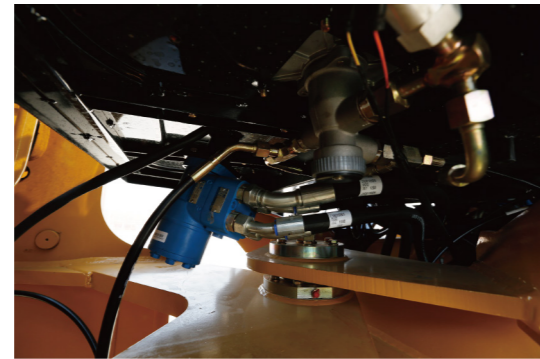
## Weichai Engine

- The air cleaner provides machine reliability even in the most severe applications



## Efficient Hydraulic System

- Single pump flow shared system.
- More efficiency and larger breakout force
- Perfect match between machine speed and hydraulic system to achieve high efficiency
- Joystick hydraulic control for easy and precise control



## Operator Station

- Premium operator station with big space and superior visibility
- Patented MAC mount provides less noise and more comfort
- Adjustable suspension seat
- Sliding side window and AC with fresh air circulation provide operator comfort
- Joystick control is flexible and convenient
- Adjustable air flow outlet delivers better defrost performance



## Reliable Drivetrain

- Countershaft transmission with upgraded core components provides high reliability
- Large rim-pull in 1st gear and higher speed in 2nd gear provide high efficiency for load and carry applications
- Clutch cutoff selection switch ensures stable and safe operation
- Simply Torque convert and efficiency is high
- Shift smooth and comfortable



## Advanced Cooling System

- High efficiency cooling package
- Anti vibration design ensure high reliability and durability even in severe application



## Solid Structure

- Structures undergo Finite Element Analysis (FEA) and On Machine Stress Analysis (OMSA) to ensure durability
- Performance Series (PS) buckets improve loading capability



## Serviceability

- System pressure test ports are standard
- Big angle engine hood side open door provides easy service access
- Torque converter is isolated from transmission making it easy to service



## Safety

- Safety design complies with regulatory requirements
- Caterpillar Production System (CPS) leveraged in manufacturing process
- 3-point touching design provides convenient operator entering to cabin
- High decibel backup alarm make machine running more safety

