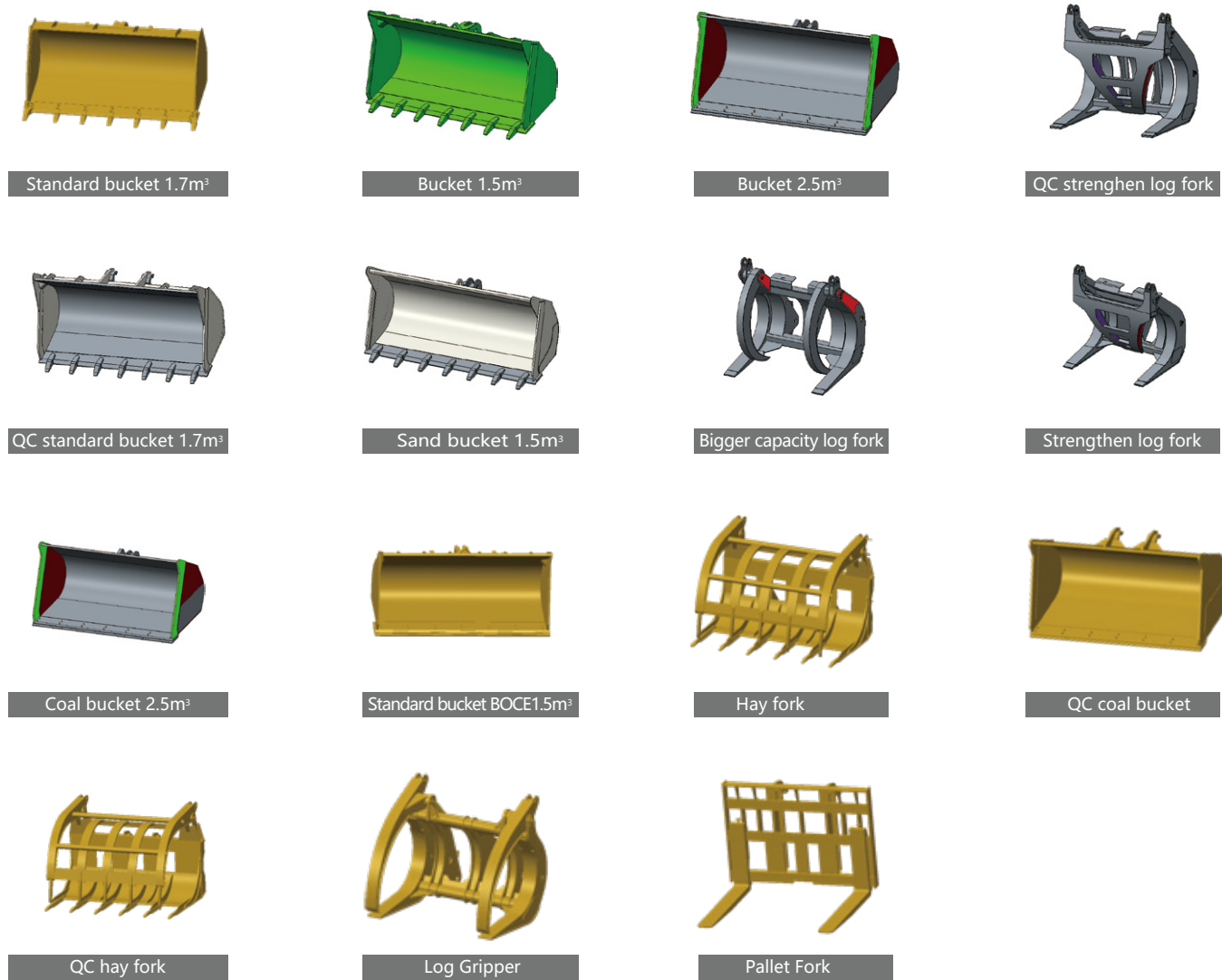


Machine Applications

Multiple work tools are available for selection



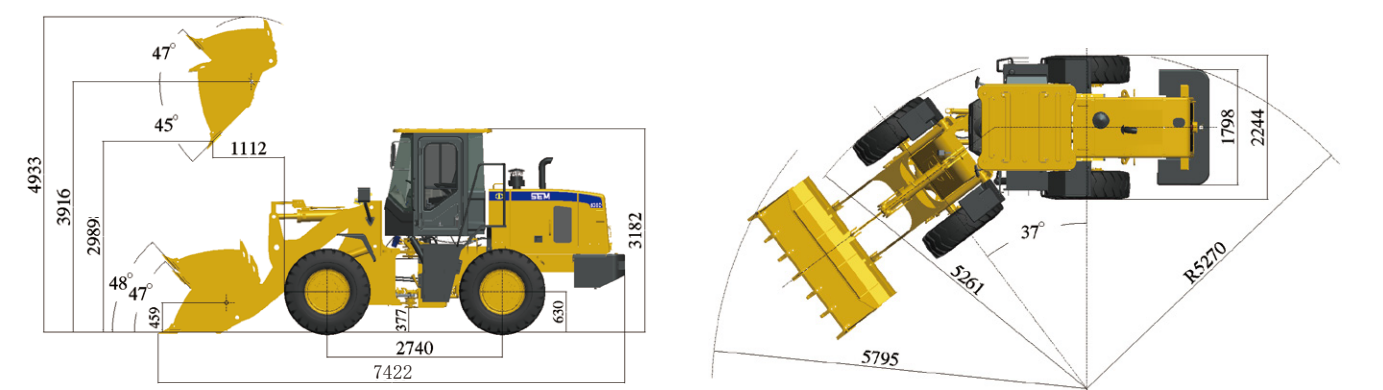
Work Tool Options



Main Specifications

Items		SEM636D	Items		SEM636D
Main Specifications			Engine		
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	Implement Hydraulic		
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 Presure Setting	Mpa	18
Transmission			Brake System		
Transmission Type		Countershaft,power shift	Service Brake		Dry&caliper,air to oil control
			"Drum type shoe brake, spring applied & oil released"		
Transmission Gears		F4/R2	Parking Brake		
Torque Converter Type		Single stage 3 elements	Steering System		
Maker & Type		SEM TR100	System Type		Shared Flow
Forward I/Reverse I		7.9/9.7	Steering PumpType	Mpa	Gear pump
Forward II/Reverse II		14/31	System Presure Setting		14
Forward III/Reverse III		25/NA	Tires		
Forward IV/Reverse IV		39/NA	Size		17.5-25
Axle			Type		PR
Main Drive Type		Spiral bevel gear,single stage	Layer		12
Final Drive Reduction Type		Planetary type,single stage	Txtured Type		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

Product Advantage

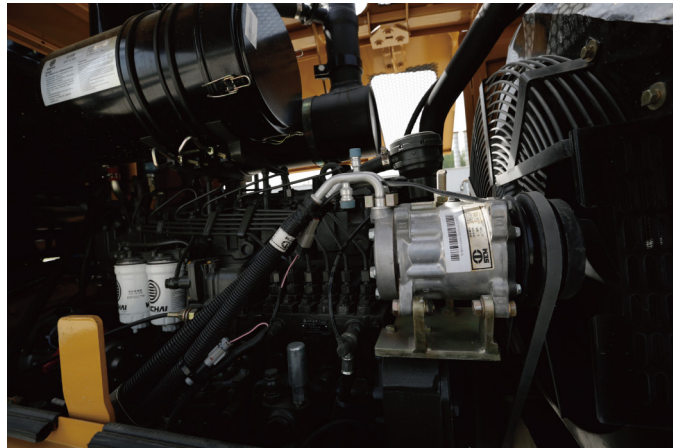
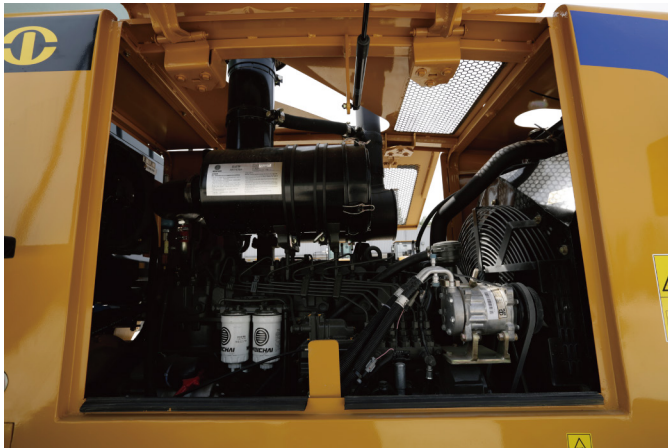
- High Productivity
- Best-in-class Reliability and Durability
- Excellent Fuel Economy
- Outstanding Operator Comfort

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 convertor 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

