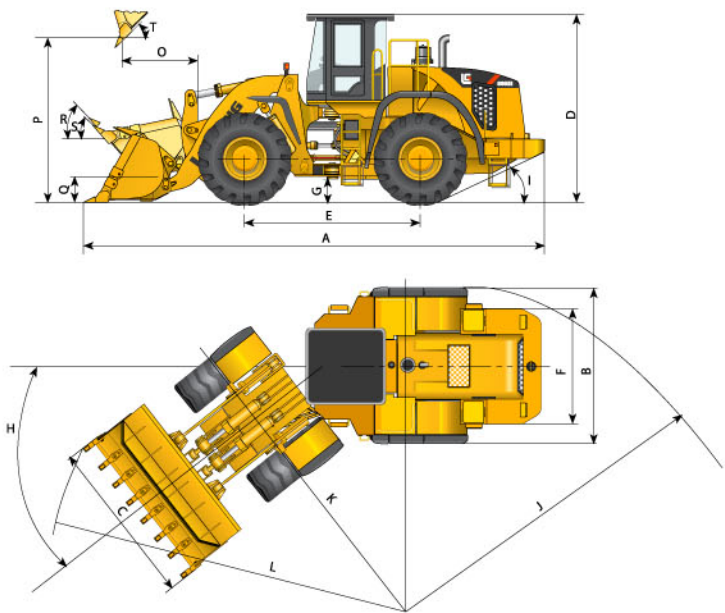


Dimensions-with Standard Configuration

A. Length with bucket down	29ft11in(9125mm)
B. Width over tires	10ft5in(3169mm)
C. Width over bucket	11ft(3370mm)
D. Height to top of cab	12ft5in(3790mm)
E. Wheelbase	11ft7in(3530mm)
F. Wheel tread, c to c	6ft5in(1950mm)
G. Ground clearance	19in(476mm)
H. Turn angle, either side	38 Deg.
I. Rear angle of departure	25 Deg.
J. Turning radius, outside of tire	22ft(6710mm)
K. Turning radius, center of tire	20ft9in(6336mm)
L. Turning radius, bucket carry	24ft4in(7425mm)
M. Max. dump angle at full height	45 Deg.
N. Dump clearance at full height discharge	10ft6in(3207mm)
O. Dump reach at full height discharge	5ft1in(1547mm)
P. Max. hinge pin height	14ft9in(4490mm)
Q. Max. digging depth, bucket level	4.65in(118mm)
R. Bucket rollback at ground level	44.5 Deg.
S. Bucket rollback at carry	49 Deg.
T. Bucket rollback at max. height	63 Deg.



CLG888III
WHEEL LOADER
ISO9001
ISO14001

Meets EPA Tier III	
Bucket Capacity	6.5cu.yd (5.0 m³)
Rated Load	17,637 lb (8000 kg)
Rated Power	335 hp(250 kW)@2100 rpm
Operating Weight	66139 lbs (30000 kg)

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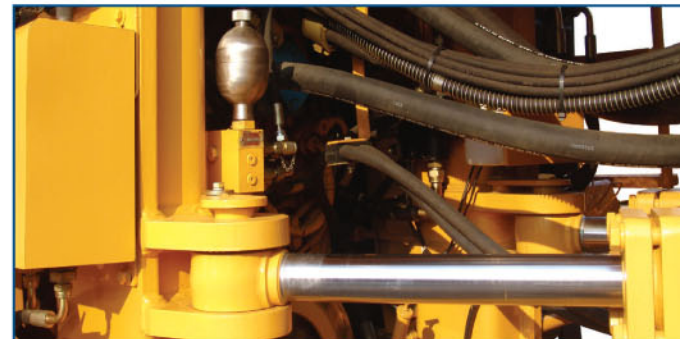
① Material and specifications are subject to change without notice.
① Machines shown may include optional equipment. For more information, please consult our local dealers.



Reliable and Efficient

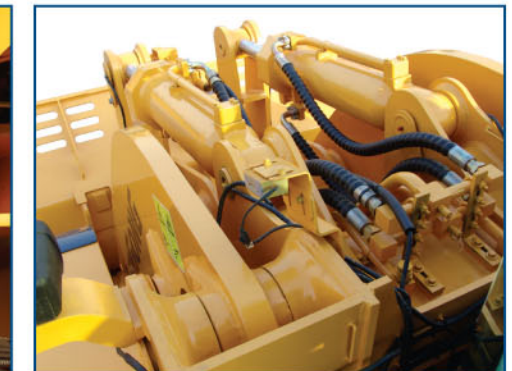
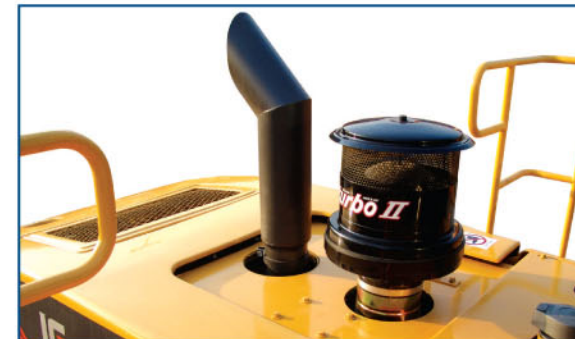
Productivity

- High torque rise (47%) Cummins electronic engine.
- Automatic transmission with finger tip control.
- High travel speeds with 4 forwards and 3 reverses gears.
- Responsive and accurate single lever control for loader and transmission.
- Double-brake pedals simplify simultaneous driving and mechanical operations.
- Automatic load leveling system prevents spillage during lifting.
- Fast cycle times.



Reliability

- Vehicle has a strong stiff frame that will withstand load and torsion stresses from numerous operating conditions.
- Key components from world class suppliers.
- Warranty and service programs available.
- Automatic lubrications system, standard.



Efficiency

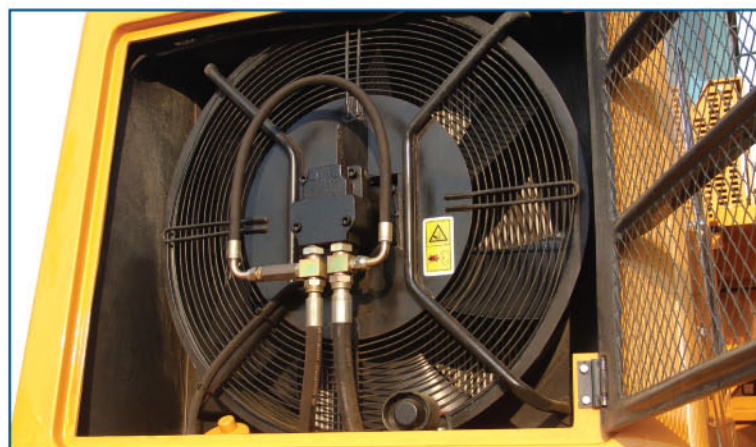
- Fuel efficient engine.
- Torque converter is matched to the engine to ensure maximum power transfer.
- Hydraulic system employs a dual-pump system for fast cycle times and efficient utilization of available horsepower.
- Air pre-cleaner filter system improves overall engine efficiency in dusty conditions and extends the service life of the standard dual filter element air filter system.

Operator Safety and Comfort



Safety

- Engine is fully CE compliant and certified
- FOPS&ROPS certified cab
- Emergency steering system
- Cab has full unrestricted 360° visibility
- Full hydraulic wet-disc service brake, electronic controlled parking and emergency brakes



Environmentally Friendly

- Engine emissions conform to EU STAGEIII and EPA Tier3 standards.
- The fan motor is independent from the cooling system for quieter operation.
- Quiet operation reduces noise in the work place and the pressurized cab provides a quiet working environment for the operator.
- Air-conditioning system uses environmentally friendly cooling refrigerant.



Operator Friendly

- Large luxurious insulated cab sits on rubber shock absorbing mounts.
- Powerful air-conditioning system maintains air temperature within the cab at a comfortable level selected by the operator.
- Tiltable and telescopic steering column and air suspension seat for operator comfort.
- Responsive and accurate single lever control for transmission and loader functions.



Easy Maintenance



- Easily accessible engine compartment and convenient placement of key components make maintenance easier and faster.
- Loader arm supports for operator and maintenance safety.



Specifications

Basic Data

Reference Bucket	6.5 yd³(5.0 m³)
Rated Load	17637 lbs(8000 kg)
Operating Weight	66139 lbs(30000 kg)
Breakout Force	58450 lbf(260 kN)
Tipping Load (Straight)	51808 lbf(23500 kg)
Tipping Load (Full turn 38°)	44930 lbf(20380 kg)

Engine

Model	CUMMINS QSM11- C335
Type	6-cylinder, 4-cycle, turbocharged and water cooled, electronic controlled diesel engine
Rated Power	335 hp(250 kW)@2100 rpm
Rated Net Power	320 hp(238 kW)@2100 rpm
Peak Net Power	350 hp(260 kW)@1800 rpm
Peak Torque	1235 lb-ft(1674 N.m)@1200 rpm
Displacement	660 in³(10.8 L)
Tier Rating	EURO Stage IIIA & EPA Tier 3

Drive Train

Torque Converter	Single-stage, three-element
Cooling	Cool pressure cycling method
Transmission	Fixed shaft, automatic power shift transmission, 4F/3R with electronic control

Travel Speeds (mph(km/h))				
	Gear1	Gear2	Gear3	Gear4
Forward	4.44 (7.15)	7.4 (11.9)	15.5 (25)	22(35.5)
Reverse	4.44 (7.15)	7.4 (11.9)	15.5 (25)	

Axles

Main Reducer	Single-stage reduction
Final Reducer	Heavy-duty planetary reduction
Differential	Limited slip on front and rear axles
Oscillation Angle, each side	13 Deg.

Tires

29.5R25

Brake System

Service Brake	Full hydraulic wet multiple disc brake, all 4 wheels
Parking Brake	Auto and manual electronic controlled
Emergency Brake: Using parking brake, the brake will automatically/manually apply. Equipped with low-pressure warning and emergency braking warning system.	

Electrical System

System voltage	24V
Starter motor	24V

Steering System

Type	Articulated frame, full hydraulic power steering
No of Steering Cylinders	2
Steering Pump	Vane pump
Relief Pressure	2900 psi(20 MPa)
Steering Angle, each side	38 Deg.

Hydraulic System

Main Pump	Vane Pump		
Pump Flow	115GPM(435L/min)		
Relief Pressure	3000 psi(20.7 MPa)		
Pilot system relief pressure	500 psi(3.5 MPa)		
Hydraulic Cycle Time, Rated Load in Bucket (Second)			
Raise (loaded)	Dump	Lower (empty, float down)	Total
7.1	1.5	3.5	12.1

Capacities

Fuel Tank	106 gal(400 L)
Hydraulic Tank	66 gal(250 L)
Crankcase	8.7 gal(33 L)
Transmission	18.5 gal(70 L)
Differential & Final Drivers-front	17 gal(65 L)
Differential & Final Drivers-rear	17 gal(65 L)

Equipment ● Standard ▲ Optional

- Cummins QSM11 diesel engine
- ZF fixed shaft automatic power shift transmission
- Alarm, back up
- Starting and charging system (24volt)
- Emergency steering
- Climate control system
- AM/FM Radio
- Seat belt, 3" width
- Steering column, tiltable, telescopic
- Ride control
- Adjustable boom lift kick-out and bucket return to dig
- Joystick pilot valve and auxiliary pilot valve
- Reversible fan
- Boom braces
- Tires, 29.5-25 PR28, L-3
- General purpose bucket 6.5 yd³(5.0m³)
- ▲ Flashing beacon
- ▲ Fenders, full rear
- ▲ Main valve, 3 spool and auxiliary pipe
- ▲ General purpose bucket, 5.2 yd³(4.0m³), 5.9 yd³(4.5m³) and 7.8 yd³(6.0m³)
- ▲ Rock bucket, bucket capacity 5.0 yd³(3.8m³) and 5.2 yd³(4.0m³)
- ▲ Log clamp, clamp diameter 28in(700mm) and 53in(1350mm)
- ▲ Quick coupler
- Batteries, maintenance free
- Automatic lubrication system
- Cab (ROPS/FOPS), sound suppressed
- Cigar lighter and ashtray
- Lunchbox and cup holder
- Seat, air suspension
- Single joystick
- Axle coolers
- Articulation lock
- Z bar linkage
- ▲ Portable icebox
- ▲ Rear view camera
- ▲ Quick bucket, 5.9 yd³(4.5m³)