

Wheel loader

CG958H

Operating weight	17700kg
Load capacity	5000kg
Rated Capacity	2.5-3.6 m ³
Max. Traction Force	180kn
Breakout Force	165kn
Working cycle time	11.8s
Max. dumping height	3196mm
Max. dumping reach	1039mm
Max. gradeability	30°
Wheel base	3360mm
Wheel track	2745mm
Min. turning radius	6400mm
Max speed (forwards)	36km/h
Length	8180mm
Width	3000mm
Height	34540mm
Engine	Cummins QSB6.7
Rated power of engine	164kw

Note:

1. Working cycle time equals the sum of the raising time taken by the swing arm, the descending time of the swing arm, and the rolling time of the bucket.
2. We reserve the right to make changes to the configuration and specification of our products without prior notice due to the continuous technical improvements of CG construction machines.

CG958H (CE) Top Classwheel loader has the following features.

1. It has passed EU Safety Certification (CE).
2. This heavy equipment machine is powered by an original USA Cummins QSB6.7 engine and meets European Emission Stage III/EPA Tier III standards.
3. It has a fully hydraulic power steering system with flow load-sensing, single joystick, boom lifting limitation and bucket auto-balancing function.
4. The electro-hydraulic ZF transmission of this Top Classwheel loader is four speed in forward motion and three speed reverse.
5. Integrated wet drive axles.
6. This construction machine has hydraulic motor drive, independent cooling system and electronically controlled backward-opening engine cover.
7. Its alarm system and electronic monitoring device provide automatic real-time machine monitoring.
8. Its comfortable ROPS/FOPS cab is heat-insulated, shock-absorbing, noise-reducing, ultraviolet-radiation-proof, and warm. It has a large window for a

better view and comfortable driving.

9. The noise level in the cab and noise radiation level of the entire Top Classwheel Loader meet the requirements of EU Noise Emission Directive 2001/14/EC.

High Efficiency and Outstanding Performance

1. Engine

CG958H (CE) Top Classwheel Loader is powered by a Cummins QSB6.7 engine. It is powerful, economical in fuel consumption and is reliable.

2. Dual -pump flow-converging steering system

The dual -pump flow converging steering system offers easy operation and is efficient.

Heavy-duty Frame

1. This Top Classwheel Loader has a high strength and maintenance free frame. Its frame is designed using 3D technologies.

2. The streamlined mudguard has a better appearance, rigidity and utility.

3. Detailed safety design. CG958H (CE) Top Classwheel Loader comes with antiskid material at both sides and rubber material in cab to enhance the safety of the machine.

Good Operating Environment

1. Cab

The comfortable cab of this Top Classwheel Loader is an ROPS/FOPS cab with an air conditioner for a better working environment.

2. Seat

The shock absorbing seat can be freely adjusted to meet different driver demands. The control box can be moved forward or backward.

3. Electrical monitoring system

This wheel loader has a level -3 alarm system and an electronic monitoring device.

Convenient and Prompt Maintenance

1. Engine cover

The engine cover is electronically controlled and opens backwards. This makes maintenance easy.

2. The integrated hydraulic components box makes it easy to examine and repair this Top Classwheel Loader.

ITEM	CG938H	CG948H	CG958H	CG990H
Operating weight	12500kg/	13200KG / 29101LB	17700kg / 39021lb	31500-32000kg / 69300-70400LB

Bucket Capacity	2.1 m3	2.3m ³ / 3yd	3-4.7yd / 2.5-3.6 m3	5.9-8.9yd / 4.5-6.8m3
Rated Load capacity	3800kg	4000kg / 8818.5lb	5000kg / 11023.1lb	9000kg / 19800lb
Breakout Force	119KN	133kn / 29.925kip	180kn / 40.5kip	260kn / 58.6KIP
Fuel Tank Capacity		180l / 39.6gal	250L / 55GAL	420L / 110.95GAL
Grade Ability	30°	30°	30°	30°
Max. dumping height	2949±50mm	2837+-50mm / 9'3"+-1.9"	3196mm+-50mm / 10'5"+-1.9"	3313mm+-50MM / 10'9"+-1.9"
Dump Clearance @ Max. Lift	923±50mm	960+-50mm / 3'1"+-1.9"	1039mm+-50MM / 3'4"+-1.9"	1317mm+-50MM / 4'5"+-1.9"
Max. Forward Speed	34km/h 21mhp	37km/h 23mhp	36KM/H 22.4MPH	32KM/H 19.9MPH
Hydraulic Oil Capacity		100l / 22gal	110L / 24GAL	260L / 68.6GAL
Max. Traction Force	110KN		180kn	260kn
Working cycle time	9.6S	10.4S	11.8s	12s
Wheelbase	2900±30mm		3360mm	3600mm
Wheel track			2745mm	3250mm
Min. turning radius	5200	5695	6400mm	6882mm
Length	7330mm	7400mm	8180mm	9459mm
Width	2470mm	2800mm	3000mm	3579mm
Height	3300mm	3485mm	34540mm	3821mm
Engine				
Model	Cummins QSB6.7	Cummins QSB6.7	Cummins QSB6.7	Cummins QSM11
Type	Line Engine, Water Cool, Dry Type	Line Engine, Water Cool, Dry Type	Line Engine, Water Cool, Dry Type	Line engine, Turbo-charged, Electric control, Air to air aftercooler
Displacement		6.7L / 408.8IN ³	6.7L / 408.9IN ³	10.8L / 659IN ³
Peak Torque		732N.M	949N.M	1674N.M
Rated Power	116KW / 158HP	119KW / 159.6HP	164KW / 219.9HP	250kw / 335.2HP
Rated Revolution	2200R/MIN	2200R/MIN	2200R/MIN	2100R/MIN
Steering System				
Type		Full Hydraulic Steering system with pressure load-sensing	Full Hydraulic Steering system with pressure load-sensing	Full hydraulic amplification hinge joint steering
Turning Angle		35° each Side	35° each Side	38° each Side
Min. Turning Radius	5200MM	Bucket outboard 6600mm / 21'6" Rear Tire outboard 5800mm / 19'	Bucket outboard 7350mm / 24'1" Rear Tire outboard 6700mm / 21'10"	Bucket outboard 7695mm / 25'2" Rear Tire outboard 6882mm / 22'6"

Transmission				
Torque Converter Type		Three element, Single Turbine	Three element, Single Turbine	Three element, Single Turbine
Transmission Model	ZF 4WG 158, German original	ZF Electric-hydraulic control shift gearbox	ZF 4WG 200, Electric-hydraulic control shift gearbox	ZF 4WG 310, Fixed axis type, Automatic shifting
Gears		Four forward speed and three backward speed	Four forward speed and three backward speed	Four forward speed and three backward speed
Hydraulic Working System				
Working System Pressure	19MPA	21MPA	17.5MPA	22.5MPA
Lifting Time of Working Device		<=5.5S	<=6.5S	<=7.1S
Action Time of Implement	<=9.6S	<=11.6S	<=12.5S	<=12S
Front and Rear Axle				
Main transmission Type		First level spiral gear deceleration	First level spiral gear deceleration	Cone-shaped gear
Wheel side Braking Type		Planetary Reducer	Planetary Reducer	Planetary Reducer
Drive Axle Braking Type	Wet type brake	Wet type brake	Wet type brake	Wet disc type brake
Tire				
Specification	20.5-25-20PR	20.5-25-16PR	23.5-25-16PR	29.5-25-28PR
Front Tire Pressure		0.3MPA	0.3MPA	0.4MPA
Rear Tire Pressure		0.3MPA	0.3MPA	0.38MPA
Braking System				
Braking	Full hydraulic	Full hydraulic	Full hydraulic	Wet disc type brake
Parking Brake	Spring braking oil release	Spring braking oil release	Spring braking oil release	SAHR Caliper type brake