



Wheel loaders CL938

Engine power : 97 kW / 2200 rpm
Operating weight : 10200 kg
Bucket capacity max : 1,7 m³

Model		CL938-1	CL938-2 (High discharge)
Rated loading capacity	(Kg)	3000,0	3000,0
Bucket capacity	(m ³)	1,7	1,7
Operating Weight	(Kg)	10200	10200
Power System			
Rated power	(Kw/h)	97	96,1
Rated speed	(rpm)	2200	2200
Peak torque	(Nm)	560	471
Operation Specifications			
Maximum traction	(kN)	107	107
Maximum breakout force	(kN)	≥96	≥96
Maximum gradeability	(°)	30	30
Hydraulic System			
System pressure	(mPa)	16	16
Hydraulic pump model		CBGj3100/1010C-XF	CBGj3100/1010C-XF
Boom raising	(s)	6,3	6,3
Bucket dumping	(s)	1	1
Boom lowering	(s)	2,1	2,1
Total cycle	(s)	9,4	9,4
Steering System			
Model of Pump		CBGJ3100	CBGJ3100
System Pressure	(mPa)	14	14
Transmission System			
System pressure	(mPa)	1.1~1.5	1.1~1.5
1F	(km/h)	0 ~ 7	0 ~ 7
2F	(km/h)	0 ~ 11	0 ~ 11
3F	(km/h)	0 ~ 27	0 ~ 27
4F	(km/h)	0 ~ 35	0 ~ 35
1R	(km/h)	0 ~ 7	0 ~ 7
2R	(km/h)	0 ~ 11	0 ~ 11
3R	(km/h)	0 ~ 27	0 ~ 27
Fluid Capacity			
Fuel tank	(L)	177	177
Hydraulic tank	(L)	150	150
Engine oil	(L)	15,2	15,2
Transmission	(L)	45	45
Each axle	(ml)	32	32
Brake Fluid	(L)	3	3

Model		CL938-1	CL938-2
Dimensions			(High discharge)
Overall (L*W*H)	(mm)	7100*2510*3250	8650*2510*3250
A : Length (With bucket on the ground)	(mm)	7100	8650
B : Overall height (To top of cabin)	(mm)	3250	3250
C : Maximum dump clearance	(mm)	2950	4130
: Minimum dump clearance	(mm)	309	309
D : Maximum bucket pin height	(mm)	3770	4650
E : Overall height (Bucket in the upright position)	(mm)	4626	5690
F : Minimum ground clearance	(mm)	310	310
G : Front axle to pivot point	(mm)	1250	1250
H : Wheel base	(mm)	2850	2850
I : Dumping angle	(°)	45	45
J : Dumping reach	(mm)	1070	1890
K : Counterweight ground clearance angle	(°)	30	30
L : Overall width (Wheel base)	(mm)	2310	2310
M : Track width	(mm)	1865	1865
N : Overall width (bucket)	(mm)	2510	2510
O : Maximum steering angle	(°)	± 35	± 35
P : Minimum turning radius (Outer side of wheel)	(mm)	5757	5757
Q : Minimum turning radius (Outer side of bucket)	(mm)	6290	6978

