



CMT66 MINING TRUCK



SPECIFICATIONS

ITEM	DATA	ITEM	DATA
Max. Design Weight(kg)	67400	Overall Dimension (mm)	8980x4000x3950
Unladen/Laden Max.Speed (km/h)	44/44	Unladen/Laden Max. Gradeability (degree)	17°
Bucket Capacity (m ³)	23	Min.Turning Diameter(m)	≤24
Curb Weight (kg)	27400	Rated Load (kg)	40 000



ENGINE

ITEM	DATA	ITEM	DATA
Make	Weichai WP12G460E310	Number of Cylinder	6
Type	Line,Direct Injection, Water-cooling, Inter-cooling, Electric-controlled	Bore/Stroke (mm)	126/155
Rated Power(kW)	338	Min. Fuel Consumption (g/kW.h)	
Rated Speed(r/min)	2100	Max. Torque (N.m)	2000
Emission load (ml)	11596	Emission Standard	GB20891-2014



TRANSMISSION SYSTEM

ITEM	DATA		
Gearbox FC6A210DPRT	Type	Planetary	
	Speeds	7 Forward, 1 Reverse	
	Speed Ratio/ Gear Ratio	1st	4.40
		2nd	2.33
		3rd	1.53
		4th	1.00
		5th	0.72
6th		0.61	
	R1	3.97	
Front Axle	Integral steering non-drive axle	Welded Axle Housing	
Middle-Rear Axle	Main Reduction Ratio	4.11	
	Wheel Edge Reduction Ratio	3.81	
	Total Reduction Ratio	15.66	
Wheel	Rim	10.0/2.0-25	
	Tyre	14.00R25	
	Tyre Pressure (MPa)	0.85	
Suspension System	Front Suspension	Leaf spring + double-acting cylinder shock absorber	
	Rear Suspension	Spring + angular contact joint bearing	



BRAKE SYSTEM

ITEM	DATA
Braking Pressure (MPa)	0.85MPa
Main Brake	Two-circuit Air Brake
Auxiliary Brake	WEVB brake, hydraulic retarder brake
Parking Brake	Spring energy storage air brake



LIFTING SYSTEM

ITEM	DATA
Type	Pneumatic Control
Lifting Cylinder	Deppkaler 4-172*4700
Max.Working Pressure	25Mpa
Bucket Raising Time(full-lade)	≤25s
Bucket Lowering Time(no-lade)	≤25s
Total Time	≤50s



REFUELING CAPACITY

ITEM	DATA	ITEM	DATA
Fuel	400L	Engine Oil	27L
Hydraulic Oil	135L	Gearbox	47L
Axle	41L,Middle Axle,39L(Rear Axle)	Brake Fluid	1.5L
Anti-freezing Fluid	50L		



STEERING SYSTEM

ITEM	DATA
Type	full hydraulic steering
Max.Turning Angle	38°
Safety Valve	ffl
Steering Pump	Gear pump: displacement 40ml/r
Steering Cylinder-Cylinder Diameter x Stem Diameter x Min.Installation Distance-Stroke(mm)	HSGL-70x40x405-730
Steering Gear	BZZ-630
Min.Turning Diameter(m)	22
System Working Pressure	17.2



OVERALL DIMENSIONS

ITEM	DATA	ITEM	DATA
Approaching Angle (°)	27	Departure Angle (°)	49
Wheel Tread (mm)	Front Axle:2596; Middle-Rear Axle:2302	Wheelbase (mm)	3865 (Front-Middle) 1560 (Middle-Rear)
Ground Clearance(mm)	≥362	No.of Axles	3

