

MINING TRUCK

MT50 / MT86H / CMT96

MACHINE SPECIFICATIONS



Rondebult Construction Machines

HEAD OFFICE: 2 Tungsten Street
Ekandustria, Bronkhorstspuit, South Africa

GPS Co-ordinates: 25°42'35.1"S 28°42'00.1"E
Tel: (+27) 013 933 3643 • (+27) 013 933 3833
e • sales@rondebult.co.za • planthire@rondebult.co.za

www.rondebult.co.za





MACHINE SPECIFICATIONS



MODEL	MT50	MT86H	CMT96
Max Laden Mass (Kg)	32 000	55 000	60000
Curb Mass (Kg)	18 000	31 700	35000
Gross Vehicle Mass (Kg)	50 000	86 000	95000
Dumper Box Capacity (m ³)	20	32	33
Max Gradeability °	17	17	17
Min. Turning Diameter (m)	≤19	≤22	≤24
ENGINE			
Model	WD615.69	Weichai WP12G460E310	WP13G530E310
Engine Power (KW / Hp@rpm)	250 / 333 @2200	338 / 450@2100	290/520@2100
Max Torque (Nm/rpm)	1350	2000	2300
Type	water-cooled	Line,Direct Injection, Water-cooling, Inter-cooling, Electric-controlled	Inline, DI, water-cooled, supercharged and inter-cooled
Emission	EURO2	EURO3	EURO3
TRANSMISSION			
	Manual	Automatic	Automatic with retarder
Model	9JSD150A	Planetary Gearbox FC6A210DPRT	Planetary gearbox FC6A250
Gear	9 FWRD / 1 REVERSE	6 FWRD / 1 REVERSE	6 FWRD / 1 REVERSE
Max Speed (km/h)	48	42	50
AXLE LOAD CAPACITY			
Front (t)	9,5	20	25
Middle & Rear (t)	16 + 16	35 + 35	35 + 35
Drive Mode	6x4	6x4	6x4
BRAKE SYSTEM			
Main brake	Pneumatic, foot control, Dual circuit	Dual Circuit pneumatic brake	Dual circuit pneumatic brake
Auxiliary brake	Engine exhaust	WEVB, hydraulic retarder brake	Engine exhaust braking and hydraulic deceleration braking
Parking brake	Spring brake & emergency brake	Spring parking brake	Spring parking brake
REFILL CAPACITY			
Fuel tank (L)	380	530	530
Hydraulic oil (L)	105	135	135
OVERALL DIMENSION			
Tyre	12.00 R20-22PR	14.00 R25	16.00-25-36PR
Dump Body Length (mm)	5800	6200	6320
A - Overall Length (mm)	8770	9070	9600
B - Overall Height (mm)	3530	4050	4290
C - Wheel Base (Front Centre) (mm)	4000	3800	3925
D - Wheel Base (Centre/Rear) (mm)	1400	1500	1750
E - Width @Tread Centre (mm)	2021	2796	2743
F - Ground Clearance (mm)	≤ 275	≤ 315	370
G - Overall Width (mm)	2558	3550	3830