

CMT96

Mining Truck



- 60 000 kg payload
- 30 m³ body capacity
- Weichai 390 kW engine

Rigid off-highway mining truck for heavy-haul pit and quarry operations.

Available from Maaksheshwe – supplying yellow machinery and tipper trucks to the mining and construction sectors.

SPECIFICATIONS

Max. design weight	96 000 kg
Curb weight	35 000 kg
Payload	60 000 kg
Bucket capacity	30 m ³
Unladen / laden max. speed	50 / 44 km/h
Unladen / laden max. gradeability	17°
Overall dimension (L × W × H)	9 680 × 3 960 × 4 300 mm
Min. turning diameter	16+10+14 mm
Min. turning diameter	≤ 24 m

Technical Specifications

ENGINE

Make	Weichai WP13G530E310
Type	Inline, direct injection, water-cooled, intercooled, electric-controlled
Number of cylinders	6
Bore / stroke	127 / 165 mm
Rated power	390 kW
Rated speed	2 100 r/min
Max. torque	2 300 N·m
Emission load	12 540 ml
Emission standard	GB20891-2014

BRAKE SYSTEM

Braking pressure	1 MPa
Main brake	Two-circuit air brake
Auxiliary brake	Engine WEVB brake, hydraulic retarder
Parking brake	Spring parking brake

LIFTING SYSTEM

Type	Without PTO pneumatic control
Lifting cylinder – first section effective diameter × sections × total distance	4TG-F196*4700ZZ
Pneumatic control valve	01818766
Lifting valve	QKV25-00
Limit valve	01819545
Max. working pressure	22 MPa
Bucket raising time (full-laden)	≤ 30 s
Bucket lowering time (no-load)	≤ 25 s
Total time	≤ 55 s

TRANSMISSION SYSTEM

Gearbox FC6A250PRT	
Type	Automatic
Speeds	6 forward, 1 reverse
Front axle	
Steering axle	Welded axle housing
Middle-rear axle	
Main reduction ratio	5.286
Wheel edge reduction ratio	3.478
Total reduction ratio	18.385
Wheel	
Rim	10.0/2.0-25
Tyre	16.00-25-36PR
Tyre pressure	0.85 MPa
Suspension system	
Front suspension	Leaf spring + double-acting cylinder shock absorber
Rear suspension	Spring + maintenance-free balance shaft + tie rod

REFUELLING CAPACITY

Fuel	530 L
Engine oil	27 L
Hydraulic oil	135 L
Gearbox	50 L
Axle	46 L (middle) · 37 L (rear)
Brake fluid	1.5 L
Anti-freezing fluid	32 L

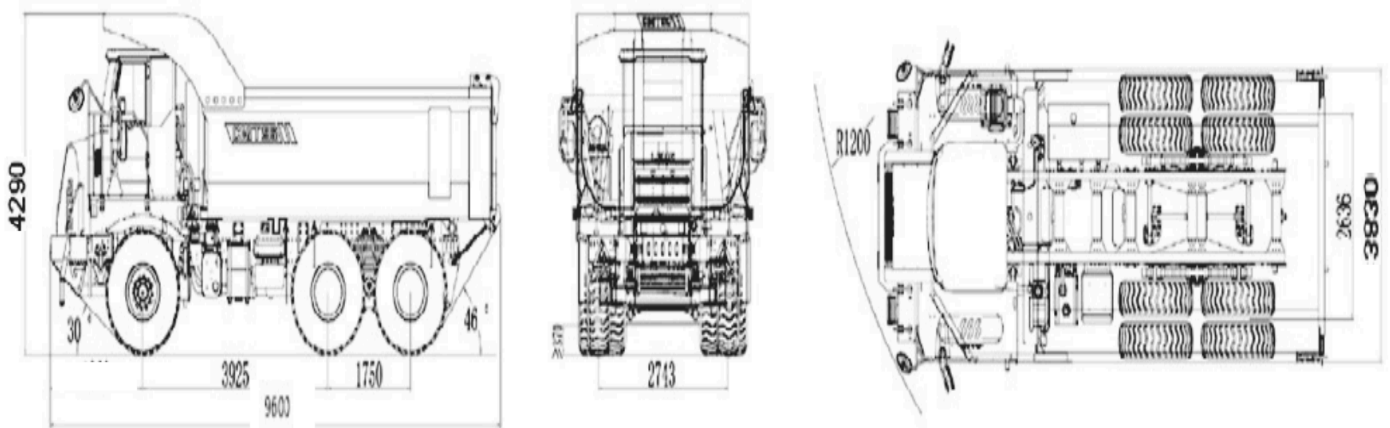
Steering & Dimensions

STEERING SYSTEM

Type	Full hydraulic steering
Steering pump	Vane pump, displacement 80 ml/r
Steering cylinder (cyl. dia. × stem dia. × min. installation distance – stroke)	HSG-L-80x45x390-700
Max. turning angle	38°
Min. turning diameter	24 m
Safety valve	Yes
System working pressure	17

OVERALL DIMENSIONS

Approaching angle	30°
Departure angle	46°
Wheel tread	Front axle: 2 743 mm Middle-rear axle: 2 636 mm
Wheelbase	3 875 mm (front-middle) 1 750 mm (middle-rear)
Ground clearance	≥ 370 mm
No. of axles	3



Contact Maaksheshwe today
For hire, supply and more information

MAAKSHESHWE
17 Somerset Street, Nasaret, Middelburg
Tel: 078 710 2704
Email: info@maaksheshwe.co.za
www.maaksheshwe.co.za

MAAKSHESHWE
PLANT HIRE ■ CONSTRUCTION ■ TRUCKING