



Engine

Model	Cummins QSM11
Type	Six-cylinder, water-cooled turbocharged, mechanical injection
Rated power	246KW
Rated speed	2100rpm

Hoist System

Dual three-stage double acting cylinders mounted on the outer chassis frame	
Max. working pressure	18MPa
Body raise and lower time	≤18/25s

Steering And Suspension System

Steering

Full hydraulic power steering, dual double acting hydraulic cylinders
Working pressure 12.25MPa

Suspension

Independent air over hydraulic suspension, front cylinders bolted and keyed onto chassis

Main Technical Specification

N.V.W	23400Kg
Payloading capacity	32000Kg
G.V.W	55400Kg
Max. travelling speed	50km/h
Overall size(L×W×H)	7642×3837×3700mm
Wheel base	3350mm
Min. turning diameter	18.8m

Braking System

Service brake	Dual circuit pneumatic drum brake system on both front and rear wheels
Parking brake	Double pneumatic disengaged spring applied

Drive Axle

Main reduction with heavy duty single stage spiral bevel gear

Ratio

Differential	2.4:1
Planetary	4.94:1
Total reduction	11.86:1

Transmission System

Eaton gear box, 10 forward & 2 reverse

Drive ratio

Forward I	14.78
Forward II	11.0
Forward III	8.17
Forward IV	6.00
Forward V	4.46
Forward VI	3.31
Forward VII	2.46
Forward VIII	1.83
Forward IX	1.34
Forward X	1.00
Reverse I	3.38
Reverse II	15.10

Frame And Dump Body

Frame

High tensile steel, cast iron members at critical points

Dump body

Wedge-type, high-tensile steel plate-welded body with exhaust heating, side plate and under floor ribs made of high yield point steel

Body capacity

Struck	15m ³
Heaped(SAE2:1)	20m ³

Cab And Tyre

Cab

All steel construction, adjustable seat, fully thermal and noise insulated, instrumental panel with gauges, warning and indicator lamps, automotive safety glass all round

Tyre

Tyre size	18.00-25
Rim size	13.00-25