



Engine

Model	Cummins NT855-C250
Type	Four strokes, vertical, water cooled, turbocharged
Rated power	187KW
Rated speed	2100rpm

Hoist System

Dual three-stage single acting cylinders mounted on the outer chassis frame	
Max. working pressure	8.5MPa
Body raise and lower time	≤20s

Steering And Suspension System

Steering	Hydraulic assisted power steering
Working pressure	14MPa
Suspension	Semi-elliptic leaf springs with rubber bumper, front suspension has individual absorbers

Main Technical Specification

N.V.W	16000Kg
Payloading capacity	20000Kg
G.V.W	36000Kg
Max. traveling speed	38km/h
Overall size(L×W×H)	7369×2909×3415mm
Wheel base	3600mm
Min. turning diameter	18m

Braking System

Service brake	Double independent circuits, pneumatic control braking system, internal expanding drum brake
Parking brake	Double pneumatic disengaged spring applied
Retardation brake	Jacob braking system fitted to engine

Drive Axle

Double reduction, full-floating axle shaft, cast-steel axle housing	
Ratio	
Differential	4.14:1
Planetary	3.33:1
Total reduction	13.78:1

Transmission System

Fuller manual 8JS 118C gear box, 7 forward & 1 reverse

Drive ratio

Forward I	8.03
Forward II	5.32
Forward III	3.36
Forward IV	2.54
Forward V	2.39
Forward VI	1.58
Forward VII	1
Reverse I	8

Frame And Dump Body

Frame	High tensile steel, C-section channel, L-section reinforced members at the center
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	10.7m ³
Heaped(SAE2:1)	13.9m 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	14.00-24
Rim size	10.00-24