



### Engine

Model	Cummins NT855
Type	Six-cylinder, water-cooled turbocharged, mechanical injection
Rated power	186KW
Rated speed	2100rpm

### Hoist System

Dual three-stage double 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. travelling speed	38km/h
Overall size(L×W×H)	7365×2909×3145mm
Wheel base	3600mm
Min. turning diameter	19m

### Braking System

Service brake	Double independent circuit Pneumatic Control brake system
Parking brake	Double pneumatic disengaged spring applied

### 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 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 <sup>3</sup>
Heaped(SAE2:1)	13.9m <sup>3</sup>

### 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