



Engine

Model	Cummins KTA19-C525
Type	Four strokes, six cylinders, turbocharged
Rated power	392KW
Rated speed	2100rpm

Hoist System

Single four-stage telescopic cylinders, hoist stop built into the cylinder	
Max. working pressure	13.5MPa
Body raise and lower time	≤25/18s

Steering And Suspension System

Steering	Full hydraulic power steering, dual double acting hydraulic cylinders
Suspension	Self-contained, variable rate, nitrogen/oil cylinders, independent front suspension

Main Technical Specification

N.V.W	30000Kg
Payloading capacity	42000Kg
G.V.W	72000Kg
Max. traveling speed	56km/h
Overall size(L×W×H)	8330×3963×3871mm
Wheel base	4200mm
Min. turning diameter	20m

Braking System

Service brake	Air-operated drum brakes on all four wheels
Parking brake	Brake acting as parking brake when applied by manual control valve
Retardation brake	Non wearing hydrodynamic retarder integral with transmission

Drive Axle

Cast welding structure, with single reduction spiral bevel gear differential, full floating axle shafts, planetary reduction at each wheel	
--	--

Ratio

Differential	3.727:1
Planetary	6:1
Total reduction	22.36:1

Transmission System

Hydraulic mechanical transmission with integral torque converter, 5 forward & 2 reverse

Drive ratio

Forward I	3.84
Forward II	2.27
Forward III	1.50
Forward IV	1.055
Forward V	0.625
Reverse I	6.07
Reverse II	1.67

Frame And Dump Body

Frame	Full box-section, welded with hardened and tempered alloy steel plate
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	21m ³
Heaped(SAE2:1)	26m 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	21.00-33
Rim size	15.00-33