



Engine

Model	Cummins QSK19-C650
Type	Six-cylinder, water-cooled turbocharged, electronic injection
Rated power	485KW
Rated speed	2100rpm

Hoist System

Dual two-stage double acting cylinders mounted between the frame rails	
Max. working pressure	19MPa
Body raise and lower time	≤16/14s

Steering And Suspension System

Steering

Independent hydrostatic steering with closed-centre steering valve, accumulator and pressure compensating piston pump

Suspension

Self-contained, variable rate, nitrogen/oil cylinders, independent front and rear suspension

Main Technical Specification

N.V.W	41250Kg
Payloading capacity	54430Kg
G.V.W	95680Kg
Max. travelling speed	57.5km/h
Overall size(L×W×H)	9130×4980×4440mm
Wheel base	4170mm
Min. turning diameter	21.2m

Braking System

Service brake	All hydraulic control, transmission mounted pressure compensating piston pump providing hydraulic pressure, independent brake on front and rear
Parking brake	Rear brake applied by spring loaded opposing piston on disc pack, hydraulically released
Retardation brake	Integral with transmission

Drive Axle

Heavy duty axle with single reduction spiral bevel gear differential, full floating axle shafts, planetary reduction at each wheel

Ratio

Differential	3.73:1
Planetary	5.80:1
Total reduction	21.63:1

Transmission System

Allison M6610AR, automatic electronic control, Integral torque converter with automatic lock-up in all speed ranges, 6 forward & 2 reverse

Drive ratio

Forward I	4.00
Forward II	2.68
Forward III	2.01
Forward IV	1.35
Forward V	1.00
Forward VI	0.67
Reverse I	5.15
Reverse II	3.46

Frame And Dump Body

Frame

Full box-section with integral front bumper and closed loop crossmember, crossmember and rear torque tube and tail seat connections with frame rails adopting high strength alloy castings

Dump body

Longitudinal V-type with integral transverse box-section stiffeners, side plate and under floor ribs made of high yield point steel

Body capacity

Struck	26m ³
Heaped(SAE2:1)	35m ³

Cab And Tyre

Cab

Acoustic lining, A/C, door locks, floor mat, ROPS, heater and defroster, interior light, air suspension with high back seat, adjustable steering column, full cab width sun visor, tinted glass, 2-speed windshield wiper

Tyre

Tyre size	21.00-35
Rim size	15.00-35