



### Engine

Model	Cummins QSX15-C
Type	Four strokes, after cooled, turbocharged
Rated power	392KW
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	≤13/9s

### Steering And Suspension System

<b>Steering</b>	
Independent hydrostatic steering with closed-centre steering valve, accumulator and pressure compensating piston pump	
<b>Suspension</b>	
Self-contained, variable rate, nitrogen/oil cylinders, independent front and rear suspension	

### Main Technical Specification

N.V.W	33980Kg
Payloading capacity	45000Kg
G.V.W	80000Kg
Max. traveling speed	65km/h
Overall size(L×W×H)	8875×4240×4345mm
Wheel base	3960mm
Min. turning diameter	21m

### Braking System

Service brake	Dual shoe external expanding, mechanically actuated by air pressure, independent front and rear system
Parking brake	Brake acting as parking brake when applied by manual control valve
Retardation brake	Non wearing hydrodynamic retarder integral with transmission

### Drive Axle

Heavy duty axle with single reduction spiral bevel gear differential, full floating axle shafts, planetary reduction at each wheel	
<b>Ratio</b>	
Differential	3.15:1
Planetary	5.66:1
Total reduction	17.83:1

### Transmission System

Allison M5610AR, automatic electronic control, Integral torque converter and planetary gearing, 6 forward & 2 reverse	
<b>Drive ratio</b>	
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	5.12
Reverse II	3.46

### Frame And Dump Body

<b>Frame</b>	
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	
<b>Dump body</b>	
Longitudinal V-type with integral transverse box-section stiffeners, side plate and under floor ribs made of high yield point steel	
<b>Body capacity</b>	
Struck	21.5m <sup>3</sup>
Heaped(SAE2:1)	27.5m <sup>3</sup>

### Cab And Tyre

<b>Cab</b>	
Acoustic lining, A/C, door locks, floor mat, ROPS, heater and defroster, interior light, adjustable seat, adjustable steering column, full cab width sun visor, tinted glass, 2-speed windshield wiper	
<b>Tyre</b>	
Tyre size	21.00-35
Rim size	15.00-35