



Engine

| | |
|-------------|---|
| Model | Cummins M11-C330 |
| Type | Four strokes, vertical, intercooled, turbocharged |
| Rated power | 246KW |
| Rated speed | 2100rpm |

Hoist System

| | |
|---|---------|
| Dual three-stage double acting cylinders mounted on the outer chassis frame | |
| Max. working pressure | 18MPa |
| Body raise and lower time | ≤18/25s |

Steering And Suspension System

Steering

Full hydraulic power steering, dual double acting hydraulic cylinders
Working pressure 12.25MPa

Suspension

Independent air over hydraulic suspension, front cylinders bolted and keyed onto chassis

Main Technical Specification

| | |
|-----------------------|------------------|
| N.V.W | 23400Kg |
| Payloading capacity | 32000Kg |
| G.V.W | 55400Kg |
| Max. traveling speed | 50km/h |
| Overall size(L×W×H) | 7642×3837×3700mm |
| Wheel base | 3350mm |
| Min. turning diameter | 18.8m |

Braking System

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|-------------------|--|
| 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

Main reduction with heavy duty single stage spiral bevel gear

Ratio

| | |
|-----------------|---------|
| Differential | 2.4:1 |
| Planetary | 4.94:1 |
| Total reduction | 11.86:1 |

Transmission System

Eaton MRT-12710B, 10 forward & 2 reverse

Drive ratio

| | |
|--------------|-------|
| Forward I | 14.78 |
| Forward II | 11.0 |
| Forward III | 8.17 |
| Forward IV | 6.00 |
| Forward V | 4.46 |
| Forward VI | 3.31 |
| Forward VII | 2.46 |
| Forward VIII | 1.83 |
| Forward IX | 1.34 |
| Forward X | 1.00 |
| Reverse I | 3.38 |
| Reverse II | 15.10 |

Frame And Dump Body

Frame

High tensile steel, cast iron members at critical points

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 | 15m ³ |
| Heaped(SAE2:1) | 20m 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 | 18.00-25 |
| Rim size | 13.00-25 |