



## SPECIFICATIONS

# MOROOKA MST110CR 360° ROTATION CRAWLER DUMPTRUCK





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# MOROOKA MST110CR 360° ROTATION CRAWLER DUMPTRUCK COMPLETE WITH:

### OPERATING SPECIFICATION:

Operating Weight: 16,000kg

Payload: 11,000kg

Loading Capacity:

- Struck: 4.36m<sup>3</sup>
- Heaped: 6.17m<sup>3</sup>

Travel Speed:

- High: 11.8kph
- Low: 7.6kph

Ground Pressure:

- Empty: 35.4kPa
- Laden: 59.7kPa

Overall Width:

- Transport: 2,980mm
- Overall: 3,650mm

Height: 3,280mm

Transport Length: 6,000mm

Ground Clearance: 570mm

Gradeability:

- 26°
- 45°
- 60°

360° rotating upper body system

### BODY:

Dump Body Dimensions (LxWxH):

- 3,050 x 2,750 x 635mm

Hardox® "In My Body" certified dump bed

Heavy-duty wear-resistant dump body

Improved dump bed durability

Pin type locking system

Improved workability and operator safety

Reduced running and maintenance costs

### ENGINE:

CAT C7.1 Diesel Engine

Tier 4 Final / EU Stage V compliant

Gross Power:

- 186kW (252.9HP) @ 2200rpm

Auto Deceleration Eco Mode

Anti Stall Function

Reduced PM and NOx emissions

Improved fuel efficiency

Environmentally friendly engine system

### TRAVEL SYSTEM:

Rubber crawler carrier system

Hydrostatic Transmission (HST)

Electric Control Joystick

HST Speed Mode system

Two-speed travel system:

- High range
- Low range

18% faster travel speed than conventional model

Improved driver operability

Reduced operator fatigue

Intuitive joystick operation

360° rotating upper structure improves maneuverability

### UNDERCARRIAGE AND GAURDS:

Heavy-duty rubber crawler tracks

Track Width: 800mm

Durable undercarriage system

Improved traction and flotation

Improved center front access steps

Improved durability for inspection and maintenance access

Wear-resistant running gear components

Designed for harsh terrain operation



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### ELECTRICAL SYSTEM:

Electric control joystick system  
LED light system  
Rear-view camera system  
Improved visibility system  
Auto Deceleration control system  
Safety monitoring systems  
Enhanced blind spot visibility

### OPERATOR ENVIRONMENT:

ROPS/FOPS certified cabin  
FOPS head guard  
Rear-view camera display  
Improved visibility:

- 70% improvement over previous model

Ergonomic operator seat  
Reduced operator fatigue  
Improved operator comfort and safety  
Intuitive machine controls

### SERVICE CAPACITIES:

Fuel Tank: 300L  
HST Tank Capacity: 154L  
DEF Tank Capacity: 32L  
Improved maintenance access layout  
Simplified routine servicing  
Improved accessibility to inspection points

### MAINTENANCE & SERVICEABILITY:

Improved center front maintenance steps  
Easy access inspection points  
Improved dump body locking system  
Simplified maintenance procedures  
Reduced downtime during servicing

### MACHINE DIMENSIONS:

Overall Length: 6,000mm  
Overall Width:

- Transport: 2,980mm
- Maximum: 3,650mm

Overall Height: 3,280mm  
Ground Clearance: 570mm  
Crawler Width: 800mm  
Dump Body:

- Length: 3,050mm
- Width: 2,750mm
- Height: 635mm