



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: 4.36m³
- Heaped: 6.17m³

Travel Speed:

- High: 11.8kph
- Low: 7.6kph

Ground Pressure:

- Empty: 35.4kPa
- Laden: 59.7kPa

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

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 centre 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

Specifications		
	MODEL	MST110CR
PERFORMANCE	Maximum Payload	kg 11,000
	Loading Capacity (Struck/Heaped)	m ³ 4.36 / 6.17
	Speed (High/Low)	km/h 11.8 / 7.6
	Ground Pressure (Empty/Laden)	kPa 35.4 / 59.7
MACHINE DIMENSION & WEIGHT	Machine Weight	kg 16,000
	Overall Length	mm 6,000
	Overall Width (Transport)	mm 3,650 (2,980)
	Overall Height	mm 3,280
	Ground Clearance	mm 570
DUMP BED (INNER)	Crawler Width	mm 800
	Length x Width x Height	mm 3,050 x 2,750 x 635
ENGINE	Name	CAT C7.1
	Nominal Output	kW(HP)/rpm 186 (252.9) / 2,200
TANK CAPACITY	Fuel Tank Capacity	ℓ 300
	HST Tank Capacity	ℓ 154
	DEF Tank Capacity	ℓ 32
	Name and Type of The Vehicle	MST-2200VDR-VIA
	Name and Model of Prime Mover	YDS-C7.1B
	Emission Standard	Tier4 Final EU Stage V

