

Pioneer of Rubber Crawler Carriers



MOROOKA

MST110CR

360° Rotating Carrier

**360°
Rotation**

**11,000kg
Payload**



- Auto Deceleration
- Anti Stall Function
- Hardox® In My Body certified dump bed
- Electric Control Joystick

**CAT C7.1 Engine
Tier 4 Final / EU Stage V**

Greatly reduces emissions of PM (particulate matter) and NOx (nitrogen oxides),
Contributes to environmental protection.

MST110CR

Consideration for the Environment

Conforming to Tier4 Final/EU Stage V

It is equipped with the environmentally friendly EU Stage V compatible engine.

Auto Deceleration

When idling continues for a certain period of time, engine speed automatically lowers to improve fuel efficiency, noise and CO₂ emission are also reduced.

Contributing to Productivity improvement

Improvement of Driver-ability and Operability

18% faster running speed than conventional model
Newly adapted joystick reduces operator fatigue and provides intuitive operation feeling.

Improvement of durability in dump bed

Introduction of wear-resistant steel Hardox® greatly improves durability of dump bed and contributes reduction of running cost.

Pursuing Safety and Comfort

ROPS/FOPS Cabin

ROPS/FOPS certified cabin is equipped as standard feature.

Improvement of Visibility

Visibility is improved by 70% against previous model.
Rear-view camera visualizes blind spots and improves safety.

Improvement in Steps located at center front

Durability of the steps accessing to inspection and maintenance points has been improved

Renewal of locking system in dump bed

Renewal of locking system in dump bed from bar type to pin type improves workability and safety.



Dump bed Safety pin



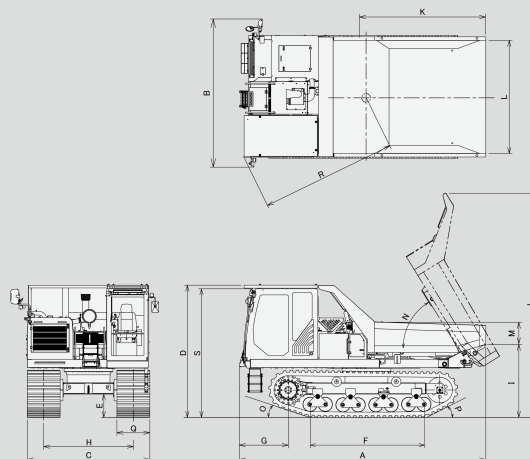
Operator Cabin

Specifications

MODEL	MST110CR	
	IMPERIAL	METRIC
PERFORMANCE		
Maximum Payload	24,251 lbs	11,000 kg
Travel Speed (High/Low)	7.3/4.7 mph	11.8 / 7.6 km/h
Ground Pressure (Empty/Loaded)	5.1/8.7 psi	35.4 / 59.7 kPa
MACHINE DIMENSION & WEIGHT		
Operating Weight	35,274 lbs	16,000 kg
Overall Length	19'8"	6,000 mm
Overall Width	9'9"	2,980 mm
Overall Height	10'9"	3,280 mm
Minimum Ground Clearance	22"	570 mm
Crawler Width	31"	800 mm
DUMP BODY		
Dump Shape	Scoop End	
Length x Width x Height (Inner)	10' x 9' x 2'1"	3,050 x 2,750 x 635 mm
Dump Capacity (Struck/Heaped)	5.7 / 8.1 yd ³	4.36 / 6.17 m ³
ENGINE		
Name	CAT C7.1	
Nominal Output	253 HP / 2,200 rpm	186 kW / 2,200rpm
FUEL USED		
	Diesel	
TANK CAPACITY		
Fuel Tank Capacity	79.3 gal (US)	300 ℓ
Hydraulic Oil Tank Capacity	40.7 gal (US)	154 ℓ
DEF Tank Capacity	8.5 gal (US)	32 ℓ
Name and Model of The non-road special motor vehicle	MOROOKA MST-2200VDR-VIA	
Name and Type of Specified prime mover	Caterpillar YDS-C7.1B	
Emission Standard	Tier 4 Final / EU Stage V	

● Specifications are subject to modify without notice

Dimensions



A	6,000mm	19'8"	K	3,050mm	10'
B	3,650mm	11'12"	L	2,750mm	9'
C	2,980mm	9'9"	M	635mm	2'1"
D	3,280mm	10'9"	N	60°	
E	570mm	22"	O	26°	
F	2,770mm	9'1"	P	45°	
G	1,190mm	3'11"	Q	800mm	31"
H	2,180mm	7'2"	R	3,310mm	10'10"
I	1,685mm	5'	S	3,200mm	10'6"
J	5,450mm	17'11"			

MOROOKA
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