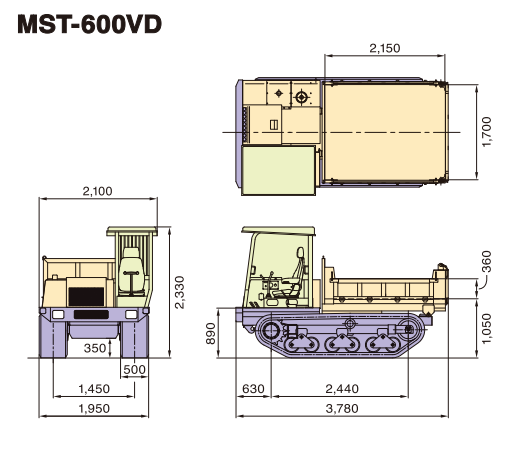
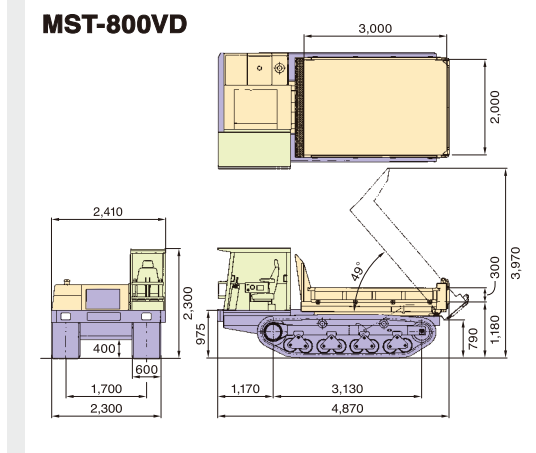


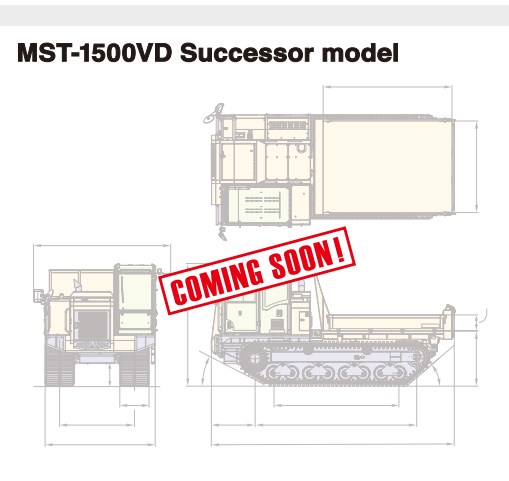
MST-600VD



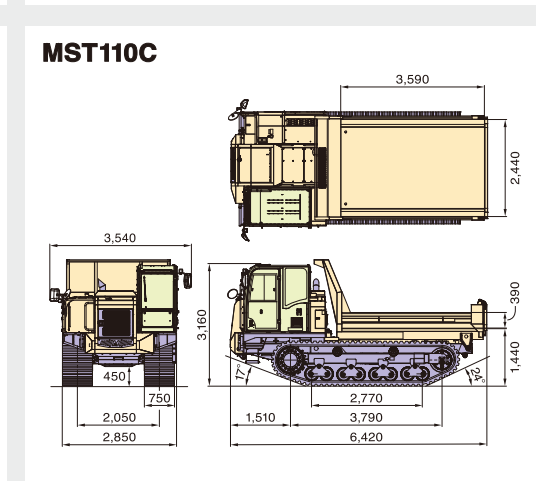
MST-800VD



MST-1500VD Successor model



MST110C



Specifications				
Crawler Carrier Rigid Series				
MODEL		MST-600VD	MST-800VD	
PERFORMANCE	Maximum Payload	kg	3,800	4,800
	Loading Capacity (Struck / Heaped)	m <sup>3</sup>	1.28 / 1.95	1.82 / 2.95
	Speed (High / Low)	km/h	10.0 / 7.0	11.0 / 8.3
	Ground Pressure (Empty / Laden)	kPa	24.8 / 46.4	22.5 / 39.1
	Machine Weight	kg	4,400	6,570
MACHINE DIMENSION & WEIGHT	Overall Length	mm	3,780	4,870
	Overall Width	mm	2,100	2,410
	Overall Height	mm	2,330	2,300
	Min. Ground Clearance	mm	350	400
	Crawler Width	mm	500	600
DUMP BED (INNER)	Overall Length	mm	2,150	3,000
	Overall Width	mm	1,700	2,000
	Overall Height	mm	360	300
ENGINE	Name		KUBOTA V3307	Mitsubishi 4D34
	Nominal Output	kW(HP)/rpm	55 (74.2) / 2,200	81 (110.1) / 2,200
TANK CAPACITY	Fuel Capacity	liter	75	130
	Hydraulic Oil Tank Capacity	liter	-	-
	DEF Tank Capacity	liter	-	-
EMISSION STANDARD			Tier4 Interim EU Stage IIIA	Tier2 EU Stage II
Crawler Carrier Rigid Series				
MODEL		MST-1500VD Successor model	MST110C	
PERFORMANCE	Maximum Payload	kg	-	11,000
	Loading Capacity (Struck / Heaped)	m <sup>3</sup>	-	3.42 / 5.79
	Speed (High / Low)	km/h	-	10.5 / 7.5
	Ground Pressure (Empty / Laden)	kPa	-	24.5 / 43.5
	Machine Weight	kg	-	14,200
MACHINE DIMENSION & WEIGHT	Overall Length	mm	-	6,420
	Overall Width	mm	-	3,540
	Overall Height	mm	-	3,160
	Min. Ground Clearance	mm	-	480
	Crawler Width	mm	-	750
DUMP BED (INNER)	Overall Length	mm	-	3,590
	Overall Width	mm	-	2,440
	Overall Height	mm	-	390
ENGINE	Name		-	Cummins B6.7
	Nominal Output	kW(HP)/rpm	-	186 (252.9) / 2,000
TANK CAPACITY	Fuel Capacity	liter	-	266
	Hydraulic Oil Tank Capacity	liter	-	125
	DEF Tank Capacity	liter	-	33.54
EMISSION STANDARD			-	Tier4 Final EU Stage V

Specifications are subject to change without notice.

# Strong Undercarriage for Excellent Off Road Capability

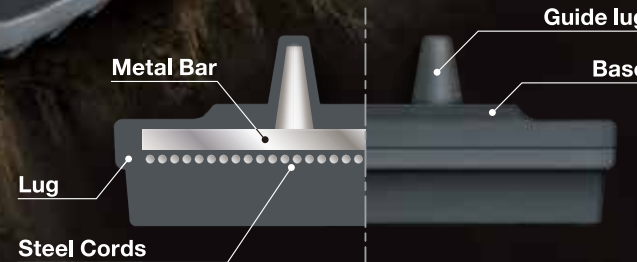
## Morooka's Large Rubber Tracks

Since 1978, when Morooka succeeded in developing the world's first large-sized rubber tracks, Morooka has continued to provide the best undercarriages with continuous improvement.



### Rubber Crawlers

Thick, seamless rubber tracks provide outstanding durability! Morooka is the pioneer of rubber tracks. We will continue to evolve with 40 years of experience and know-how since its development.



### Track Rollers

Thick and large diameter track rollers efficiently disperse the load on rubber tracks and undercarriages.

### HST System

The HST system is a very economical system using engine power to drive the hydraulic pump and motor, enabling operators to experience smooth and stable driving. The system completely eliminates the need for clutch and gear control too.

MOROOKA

Morooka Co., Ltd.

MSA

JAB

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URL : [www.morooka.co.jp](http://www.morooka.co.jp) (Japanese)

[www.morooka.com](http://www.morooka.com) (English)

2022.09.1.000



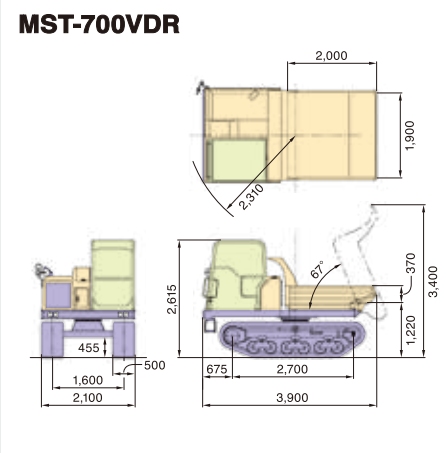
# CRAWLER CARRIER



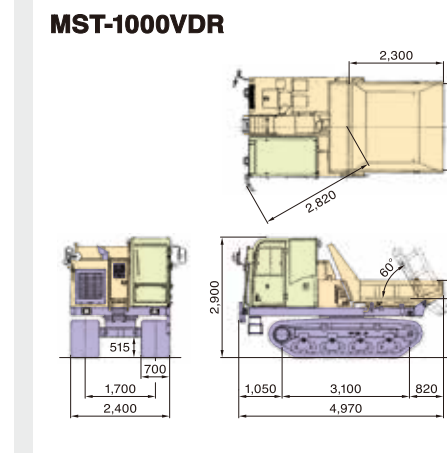
## CARRIER for SOFT, SANDY and ROUGH TERRAIN

Durable Rubber Tracks : The rubber tracks offered on our Morooka carriers are the result of over 50 years of joint development form Bridgestone and Morooka. The rubber tracks combine the characteristics of a tire equipped vehicle, such as speed and a smooth ride, while providing the traction of a steel track. Rubber tracks offer the best of all worlds with low ground pressure, high performance movement and excellent traction.

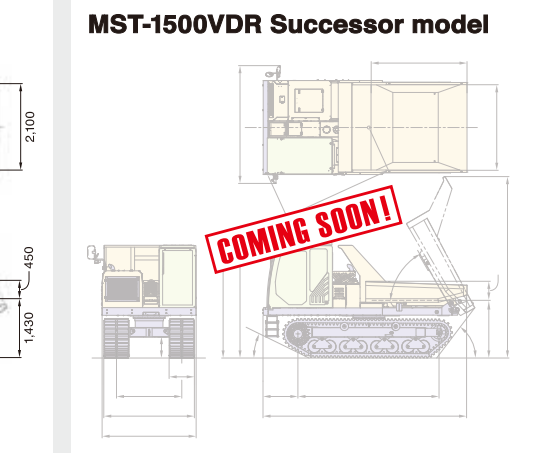
MST-700VDR



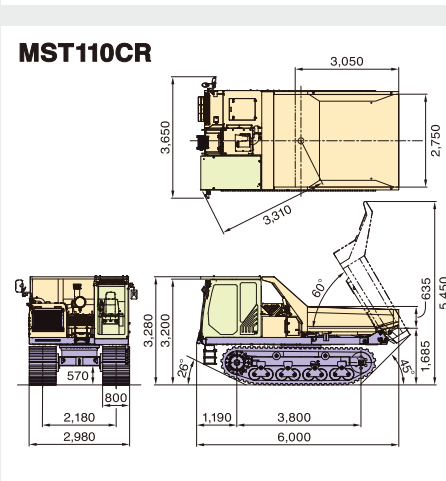
MST-1000VDR



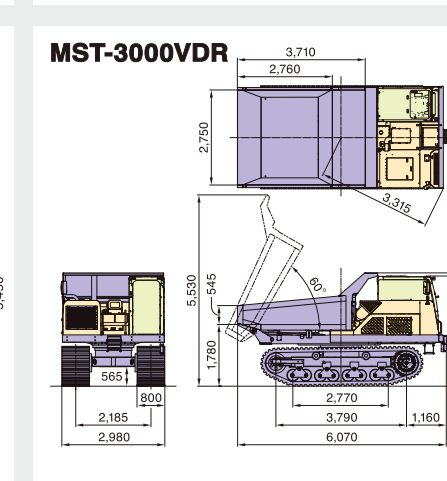
MST-1500VDR Successor model



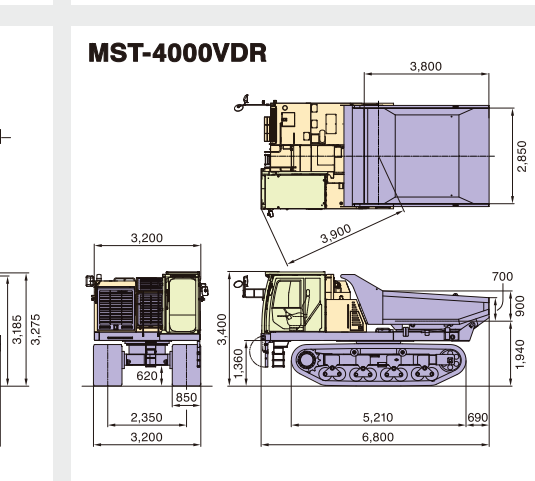
MST110CR



MST-3000VDR



MST-4000VDR



Specifications				
"KURU-KURU" Carrier Series				
MODEL		MST-700VDR	MST-1000VDR	MST-1500VDR Successor model
PERFORMANCE	Maximum Payload	kg	4,000	5,500
	Loading Capacity (Struck / Heaped)	m <sup>3</sup>	1.48 / 1.8	1.86 / 2.69
	Speed (High / Low)	km/h	10.8 / 7.6	9.6 / 7.7
	Ground Pressure (Empty / Laden)	kPa	25.9 / 46.8	26.9 / 42.9
	Machine Weight	kg	4,930	9,140
MACHINE DIMENSION & WEIGHT	Overall Length	mm	3,900	4,970
	Overall Width	mm	2,100	2,400
	Overall Height	mm	2,615	2,900
	Min. Ground Clearance	mm	455	515
	Crawler Width	mm	500	700
DUMP BED (INNER)	Overall Length	mm	2,000	2,300
	Overall Width	mm	1,900	2,100
	Overall Height	mm	370	450
ENGINE	Name		KUBOTA V3307-CR-T-YDN	CAT C4.4
	Nominal Output	kW(HP)/rpm	53 (71.4) / 2,200	93 (125.9) / 2,200
TANK CAPACITY	Fuel Capacity	liter	105	140
	Hydraulic Oil Tank Capacity	liter	-	54
	DEF Tank Capacity	liter	-	19
EMISSION STANDARD			Tier4 Final EU Stage V	Tier4 Final EU Stage IV
"KURU-KURU" Carrier Series				
MODEL		MST110CR	MST-3000VDR	MST-4000VDR
PERFORMANCE	Maximum Payload	kg	11,000	20,000
	Loading Capacity (Struck / Heaped)	m <sup>3</sup>	4.36 / 6.17	5.4 / 7.61
	Speed (High / Low)	km/h	11.8 / 7.6	12.07 / 8.05
	Ground Pressure (Empty / Laden)	kPa	35.4 / 59.7	36.7 / 69.5
	Machine Weight	kg	16,000	16,800
MACHINE DIMENSION & WEIGHT	Overall Length	mm	6,000	6,070
	Overall Width	mm	2,980	3,200
	Overall Height	mm	3,280	3,275
	Min. Ground Clearance	mm	570	565
	Crawler Width	mm	800	800
DUMP BED (INNER)	Overall Length	mm	3,050	2,760
	Overall Width	mm	2,750	2,850
	Overall Height	mm	635	915
ENGINE	Name		CAT C7.1	CAT C7.1 ACERT
	Nominal Output	kW(HP)/rpm	186 (252.9) / 2,200	225 (306.2) / 2,200
TANK CAPACITY	Fuel Capacity	liter	300	222
	Hydraulic Oil Tank Capacity	liter	154	177
	DEF Tank Capacity	liter	32	32
EMISSION STANDARD			Tier4 Final EU Stage V	Tier4 Final EU Stage V

Specifications are subject to change without notice.





# Living tradition World No.1 tracked dumper

## Crawler Carrier Rigid Series

### Consideration for the Environment

**Auto Deceleration**  
When idling continues for a certain period of time, engine speed automatically lowers to improve fuel efficiency, noise and CO<sub>2</sub> emission are also reduced. (MST110C)



### MOROOKA Tracked dumpers working in the world.

The pioneer in the field of rough terrain transport, MOROOKA's MST series have gained the No.1 market share not only in Japan but also overseas and active all over the world. As a result of our achievement, MST series has earned a high reputation in the used equipment market as well.



### Rigid Series



**MST-600VD** Max.Payload **3.8t**  
Tier4 Interim / EU Stage IIIA

**MST-800VD** Max.Payload **4.8t**  
Tier2 / EU Stage II

**MST-1500VD** Successor model

**MST110C** Max.Payload **11t**  
Tier4 Final / EU Stage V

### Pursuing Safety and Comfort

#### List of canopy and cabin specification

Supported models		
Name	Canopy	Cabin
MST-600VD	ROPS	-
MST-800VD	Non ROPS	-
MST110C	-	ROPS/FOPS
MST-700VDR	ROPS/FOPS	-
MST-1000VDR	-	ROPS/FOPS
MST-1500VDR	-	ROPS/FOPS
MST110CR	-	ROPS/FOPS
MST-3000VDR	-	ROPS
MST-4000VDR	-	ROPS/FOPS

#### highly customizable for many purposes

Morooka Carriers are customized for a variety of industries. Our carriers can be outfitted with Dump Beds, Digger Derricks, Field Service Equipment, Trimmers, Buckets, Cranes, Welding Equipment, Flat Beds, Drilling Equipment and more. Find out more about how a customized Morooka Carrier can solve your unique project needs.

Although Morooka Carriers are highly customizable for many purposes, Morooka is not responsible nor liable for the injuries or damages incurred with the additional features. Please consult with our distributors first to get the approval.

### Aiming for ease of use and safety

# RIGID SERIES

## 360°Rotating Crawler Carrier

### "KURU-KURU" Carrier Series



## "KURU KURU" SERIES



### Consideration for the Environment



**Auto Deceleration**  
When idling continues for a certain period of time, engine speed automatically lowers to improve fuel efficiency, noise and CO<sub>2</sub> emission are also reduced. (MST110CR/4000VDR)



### Pursuing Safety and Comfort

#### For Safe Work

Backup and side cameras have been equipped to alleviate rear and right hand side blind spots. (MST-1000VDR/110CR/3000VDR/4000VDR)

#### 360° Full Rotating Upper Structure

The 360° full rotation design dramatically reduces the need of pivot turn and spin turn. It also greatly improves work efficiency and enables operator to unload soil easily in any location.

#### Improvement of durability in dump bed

Introduction of wear-resistant steel Hardox® greatly improves durability of dump bed and contributes reduction of running cost. (MST110C/110CR/4000VDR)



### "KURU-KURU" Carrier Series



**MST-700VDR** Max.Payload **4t**  
Tier4 Final / EU Stage V

**MST-1000VDR** Max.Payload **5.5t**  
Tier4 Final / EU Stage IV

**MST-1500VDR** Successor model

**MST110CR** Max.Payload **11t**  
Tier4 Final / EU Stage V

**MST-3000VDR** Max.Payload **15t**  
Tier4 Final / EU Stage V

**MST-4000VDR** Max.Payload **20t**  
Tier4 Final / EU Stage V