Made in Japan

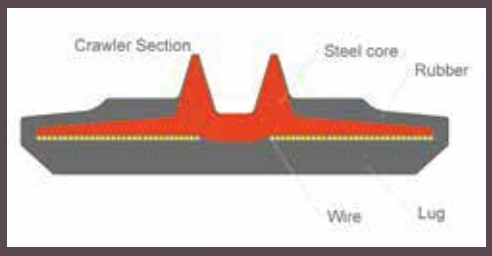
CRAWLER CARRIER

CARRIER for SOFT, SANDY and ROUGH TERRAIN

MOROOKA

WORLDWIDE PRODUCTS DEVELOPED by MOROOKA

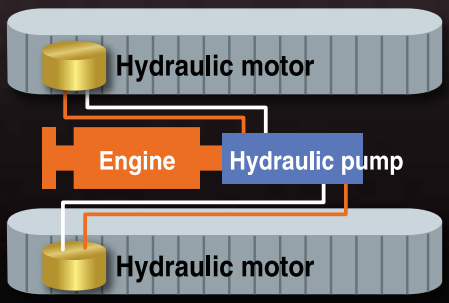
Durable Rubber Tracks



The rubber tracks offered on our Morooka carriers are the result of over 50 years of joint development from 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.

Easy control with HST drive system

The hydrostatic transmission allows for economical use of the engine's full power.
All steering maneuvers can be executed with a pair of simple control levers.
The H.S.T. system completely eliminates the need for clutch and gear controls making the Morooka carrier highly maneuverable.



One driving lever for MST-300VD and MST-600VD

Two driving levers for MST-800VD, 1500VD, 2200VD and 3000VD

WIDE RANGE OF PRODUCTS

MST-300VD/VDR

MST-600VD

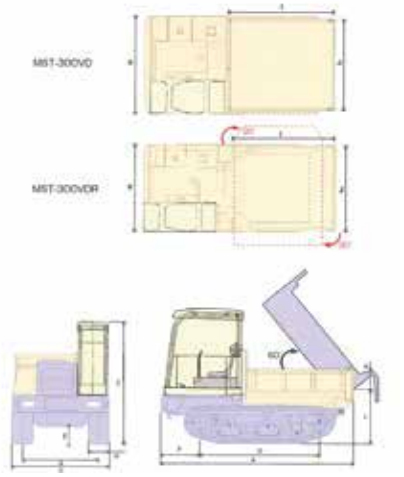
MST-800VD

MST-1500VD

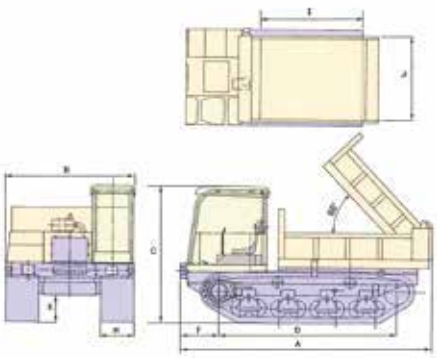
MST-2200VD

MST-3000VD

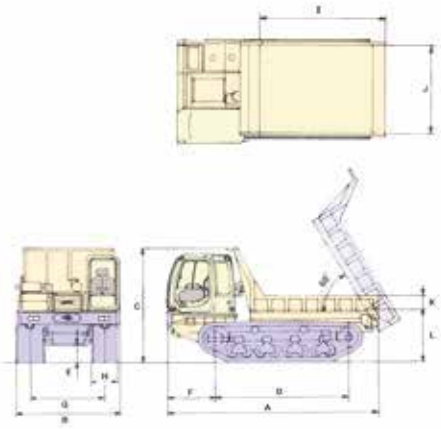
MST-300VD, MST-300VDR



MST-600VD, MST-800VD



MST-1500VD, MST-2200VD, MST-3000VD



MODEL			①MST-300VD ②MST-300VDR	MST-600VD	MST-800VD	MST-1500VD	MST-2200VD	MST-3000VD
PERFORMANCE								
Max. Payload		kg(lbs)	2,500 (5,511 lbs)	3,300 (7,275 lbs)	4,800 (9,480 lbs)	7,000 (13,890 lbs)	10,000 (22,050 lbs)	15,000 (33,060 lbs)
Loading Capacity		m^3	① 0.88 ② 0.88	1.28	1.77	2.34	3.53	4.9
Speed1 Low		km/h (mp/h)	6.0 (3.7mp/h)	6.6 (4.1mp/h)	8.0 (4.9mp/h)	7.6 (4.7mp/h)	8.0 (5.0mp/h)	8.0 (5.0mp/h)
Speed2 High		km/h (mp/h)	9.0 (5.6mp/h)	8.0 (4.9mp/h)	11.0 (6.8mp/h)	11.0 (6.8mp/h)	11.0 (6.8mp/h)	11.0 (6.8mp/h)
Ground Pressure(Empty)		kg/cm^2	① 0.16 ② 0.18	0.16	0.17	0.17	0.23	0.25
MACHINE DIMENSION								
Machine Weight		kg (lbs)	① 2,200 (4,850 lbs) ② 2,400 (5,291 lbs)	4,000 (8,818 lbs)	6,500 (14,330 lbs)	9,200 (20,280 lbs)	13,500 (29,760 lbs)	17,500 (38,580 lbs)
Overall Length	A	mm (f)	① 3,150 (10.3 f) ② 3,500 (11.4 f)	3,790 (12.4 f)	4,430 (14.5 f)	5,430 (17.8 f)	6,050 (19.9 f)	6,200 (20 f)
Overall Width	B	mm (f)	1,740 (5.7 f)	2,040 (6.7 f)	2,435 (8.0 f)	2,750 (9.0 f)	2,905 (9.5 f)	3,000 (9.8 f)
Overall Height	C	mm (f)	2,318 (7.6 f)	2,270 (7.4 f)	2,590 (8.5 f)	2,900 (9.5 f)	3,140 (10 f)	3,150 (10.3 f)
Wheelbase	D	mm (f)	1,955 (6.4 f)	2,440 (8.0 f)	3,130 (10.2 f)	3,870 (12.7 f)	3,840 (12.6 f)	3,840 (12.6 f)
Min. Ground Clearance	E	mm (f)	275 (0.9 f)	350 (1.1 f)	470 (1.5 f)	460 (1.5 f)	430 (1.4 f)	480 (1.6 f)
Front Overhang	F	mm (f)	630 (2.0 f)	640 (2.1 f)	690 (2.3 f)	700 (2.3 f)	1,250 (4.1 f)	1,350 (4.4 f)
Crawler Distance	G	mm (f)	1,250 (4.1 f)	1,450 (4.7 f)	1,700 (5.6 f)	1,800 (5.9 f)	2,050 (6.7 f)	2,200 (7.2 f)
Crawler Width	H	mm (f)	350	500	600	700	750	800
Crawler Size		mm (f)	350x100x53	500x100x65	600x100x80	700x100x98	750x150x66	800x150x66
DUMP BODY								
Overall Length	I	mm (f)	① 1,700 (5.5 f) ② 2,000 (6.5 f)	2,150 (7.0 f)	2,600 (8.5 f)	3,100 (10 f)	3,600 (11.8 f)	3,700 (12 f)
Overall Width	J	mm (f)	① 1,400 (4.5 f) ② 1,450 (4.7 f)	1,700 (5.6 f)	1,950 (6.3 f)	2,200 (7.2 f)	2,450 (8.0 f)	2,500 (8.2 f)
Overall Height	K	mm (f)	① 370 (1.2 f) ② 310 (1.0 f)	350 (1.1 f)	350 (1.1 f)	350 (1.1 f)	400 (1.3 f)	530 (1.7 f)
Ground Clearance	L	mm (f)	825 (2.7 f)	1,010 (3.3 f)	1,160 (3.8 f)	1,350 (4.4 f)	1,450 (4.8 f)	1,490 (4.9 f)
ENGINE								
Model			KUBOTA V2203B	KUBOTA V3307	CAT C4.4	CAT C6.6	CAT C7	CAT C9
Nominal Output/rpm		HP/rpm	46/2,800	72/2,200	129/2,200	225/2,200	249/2,200	325/2,200
Nominal Output/rpm		kw/rpm	34/2,800	54/2,200	96.5/2,200	168/2,200	186/2,200	242/2,200
OTHERS								
			–	–	Mitsubishi 4D34 (OPTION)	Mitsubishi 6D16 (OPTION)	–	–
			① CANOPY ② CANOPY	CANOPY	CABIN CANOPY(OPTION)	CABIN CANOPY(OPTION)	CABIN	CABIN
			Swivel dump body	–	Heater	Air Conditioner	Air Conditioner	Air Conditioner

Specifications are subject to change without notice.

PIONEER OF RUBBER CRAWLER CARRIER MOROOKA TECHNOLOGY to WORLDWIDE JOBSITE

Versatile application to meet worldwide customer needs

Morooka products are used in a wide range of applications and are particularly suited to environmentally sensitive areas.
They will accommodate a variety of attachments such as water tanks, digger derricks, drill rigs, cement mixers, welders, lubrication rigs, fire fighting equipment, specialty dump bodies, scissor lifts, seismic testing equipment, exploration tools , air compressors and personnel carriers.

ACCESS PLATFORM

AQUATIC ENVIRONMENT

CIVIL CONSTRUCTION

DRILLING

GEOLOGICAL SURVEY

MINING

PALM OIL PLANTATION

PIPELINE CONSTRUCTION

SEWAGE PIPELINE CONSTRUCTION

RESTORATION AFTER TSUNAMI

THE MINISTRY OF DEFENCE

LOG TRANSPORT

MOROOKA

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