

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.



MAN LIFT



RIVERSIDE CONSTRUCTION



EARTHMOVING



DRILLING



ANTARCTIC EXPLORATION



MINING



PALM OIL PLANTATION



PIPELINE CONSTRUCTION



MUDDY WORK



RESTORATION AFTER TSUNAMI



THE MINISTRY OF DEFENCE



LOGGING

Please consult with us before you apply any modification.

MOROOKA



RUBBER 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 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.

MOROOKA

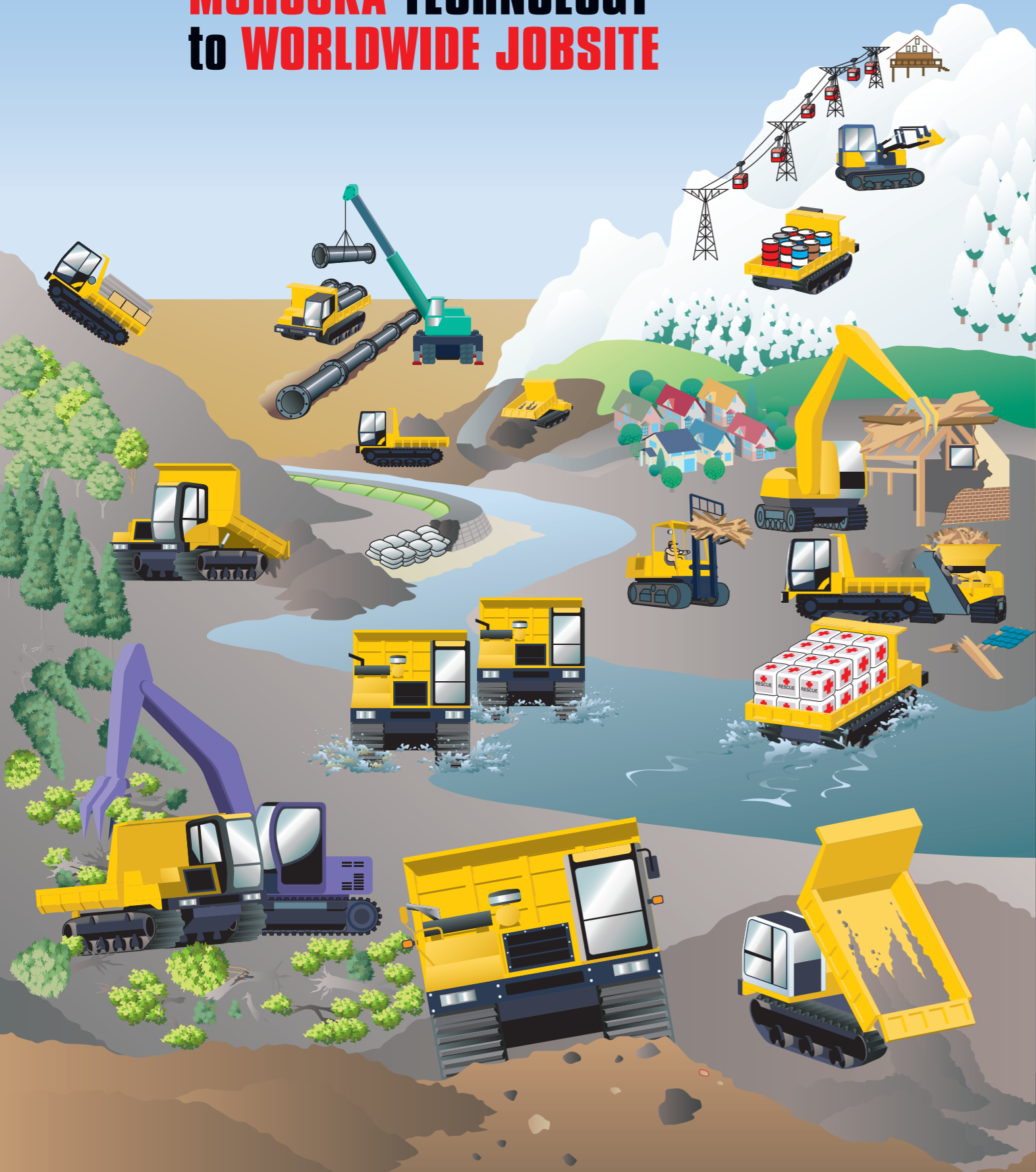
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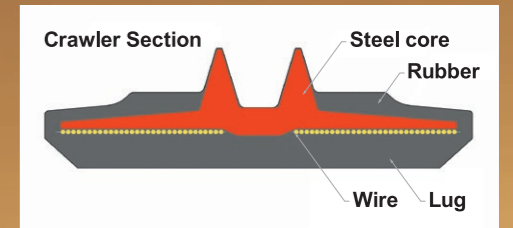
**PIONEER OF
RUBBER CRAWLER CARRIER
MOROOKA TECHNOLOGY
to WORLDWIDE JOBSITE**



**WORLDWIDE PRODUCTS
DEVELOPED by MOROOKA**

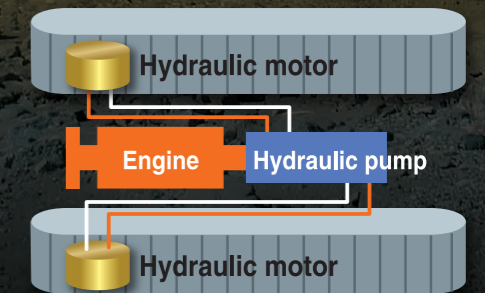
Durable Rubber Tracks

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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 2.5t



MST-300VDR 2.5t



MST-600VD 3.8t



MST-700VD 4.3t



MST-800VD 4.8t



MST-1500VD 7t



MST-2200VD 11t



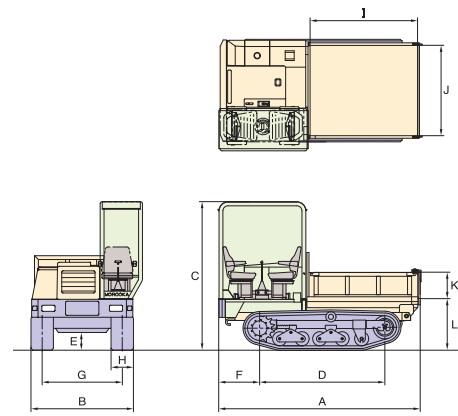
MST-2200VDR 11t



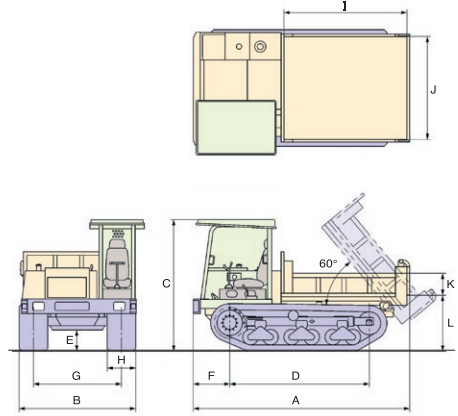
MST-3000VD 15t

**RUBBER CRAWLER
CARRIER**

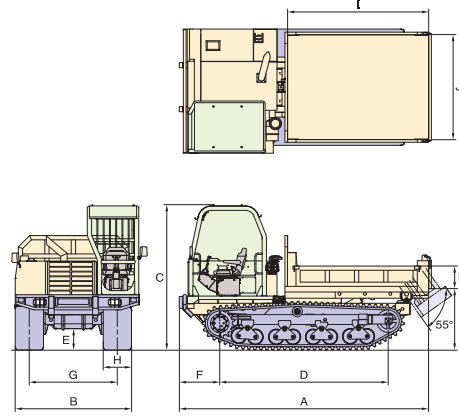
MST-300VD, MST-300VDR



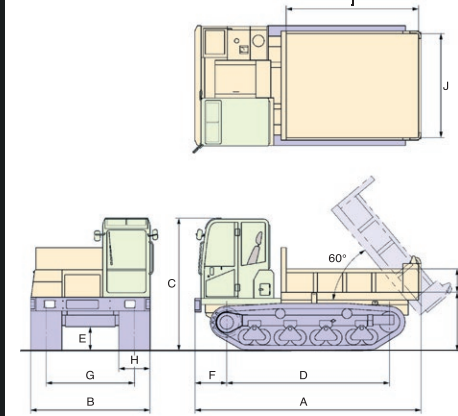
MST-600VD



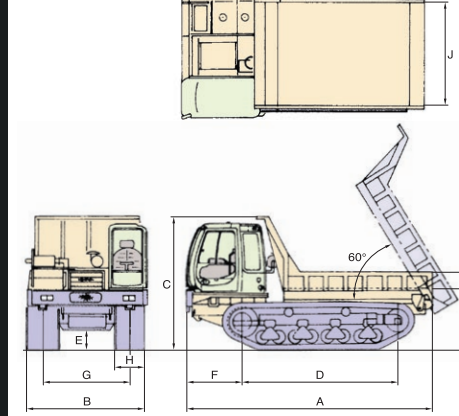
MST-700VD



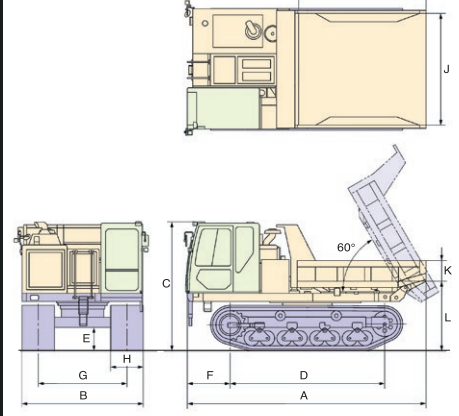
MST-800VD



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



MST-2200VDR



MODEL		MST-300VD	MST-300VDR	MST-600VD	MST-700VD	MST-800VD	
PERFORMANCE							
Maximum Payload	kg (lbs)	2,500 (5,511)	2,500 (5,511)	3,800 (8,378)	4,300 (9,480)	4,800 (10,584)	4,800 (10,584)
Loading Capacity	m ³	0.88	0.88	1.28	1.67	1.77	1.77
Speed1 Low	km/h(mph)	6.0 (3.7)	6.0 (3.7)	7.0 (4.3)	7.0 (4.3)	6.5 (4.0)	8.0 (4.9)
Speed2 High	km/h(mph)	9.0 (5.6)	9.0 (5.6)	10.0 (6.2)	10.0 (6.2)	11.0 (6.8)	11.0 (6.8)
Ground Pressure(empty)	kPa	29.4	29.7	24.1	23.2	21.9	22.2
MACHINE DIMENSION							
Machine Weight	kg (lbs)	2,685 (5,919)	2,710 (5,975)	4,400 (9,700)	5,900 (13,000)	6,400 (14,110)	6,500 (14,330)
Overall Length	A mm (f)	3,150 (10.3)	3,490 (11.5)	3,790 (12.4)	4,520 (14.8)	4,430 (14.5)	4,480 (14.7)
Overall Width	B mm (f)	1,745 (5.7)	1,745 (5.7)	2,100 (6.9)	2,225 (7.3)	2,425 (8.0)	2,425 (8.0)
Overall Height	C mm (f)	2,330 (7.6)	2,330 (7.6)	2,330 (7.6)	2,575 (8.4)	2,590 (8.5)	2,590 (8.5)
Wheelbase	D mm (f)	1,955 (6.4)	1,955 (6.4)	2,440 (8.0)	2,960 (9.7)	3,130 (10.2)	3,130 (10.2)
Min. Ground Clearance	E mm (f)	250 (0.8)	250 (0.8)	330 (1.1)	350 (1.1)	470 (1.5)	420 (1.4)
Front Overhang	F mm (f)	630 (2.0)	630 (2.0)	640 (2.1)	770 (2.5)	690 (2.3)	790 (2.6)
Crawler Distance	G mm (f)	1,250 (4.1)	1,250 (4.1)	1,450 (4.7)	1,560 (5.1)	1,700 (5.6)	1,700 (5.6)
Crawler Width	H mm	350	350	500	500(550)	600	600
Crawler Size	mm	350×100×53	350×100×53	500×100×65	500(550)×100×76	600×100×80	600×100×80
DUMP BODY							
Overall Length	I mm (f)	1,675 (5.5)	1,965 (6.4)	2,150 (7.0)	2,500 (8.2)	2,600 (8.5)	2,600 (8.5)
Overall Width	J mm (f)	1,410 (4.6)	1,465 (4.8)	1,700 (5.6)	1,850 (6.1)	1,950 (6.3)	1,950 (6.3)
Overall Height	K mm (f)	370 (1.2)	310 (1.0)	350 (1.1)	360 (1.2)	350 (1.1)	350 (1.1)
Ground Clearance	L mm (f)	825 (2.7)	950 (3.1)	1,050 (3.5)	1,120 (3.8)	1,160 (3.8)	1,190 (3.9)
ENGINE							
Model		KUBOTA V2203 Tier 4 interim	KUBOTA V2203 Tier 4 interim	KUBOTA V3307 Tier 4 interim	KUBOTA V3800 Tier 4 interim	Mitsubishi 4D34 Tier 2	CAT C4.4 Tier 3
Nominal Output/rpm	HP/rpm	47/2,800	47/2,800	73/2,200	93/2,200	109/2,200	129/2,200
Nominal Output/rpm	kw/rpm	35.4/2,800	35.4/2,800	54.6/2,200	69.2/2,200	81.0/2,200	96.5/2,200
OTHERS							
		CANOPY(ROPS)	CANOPY(ROPS)	CANOPY(ROPS)	CANOPY (ROPS/FOPS)	CABIN CANOPY(OPTION)	CABIN(ROPS) CANOPY(OPTION)
		—	—	—	—	HEATER	HEATER

MST-1500VD				MST-2200VD			MST-2200VDR	MST-3000VD
7,000 (15,435)	7,000 (15,435)	7,000 (15,435)	7,000 (15,435)	11,000 (24,255)	11,000 (24,255)	11,000 (24,255)	11,000 (24,255)	15,000 (33,060)
2.39	2.39	2.39	2.39	3.53	3.53	3.53	3.97	4.9
7.6 (4.7)	7.6 (4.7)	6.0 (3.7)	6.0 (3.7)	8.0 (5.0)	7 (4.3)	7 (4.3)	8.0 (5.0)	8.0 (5.0)
11.0 (6.8)	11.0 (6.8)	10.0 (6.2)	11.0 (6.8)	11.0 (6.8)	11.0 (6.8)	10.0 (6.2)	10.0 (6.2)	11.0 (6.8)
21.5	21.5	24.3	24.8	31.6	32.9	32.1	35.4	24.5
9,200 (20,280)	9,200 (20,280)	10,400 (22,930)	10,900 (24,030)	13,400 (29,542)	13,950 (30,754)	14,100 (31,085)	16,000 (35,274)	14,500(31,967)
5,360 (17.6)	5,430 (17.8)	5,750 (18.9)	5,750 (18.9)	6,050 (19.8)	6,270 (20.6)	6,260 (20.5)	5,900 (19.4)	6,200 (20.3)
2,635 (8.6)	2,650 (8.7)	2,650 (8.7)	2,650 (8.7)	2,905 (9.5)	2,880 (9.4)	2,850 (9.4)	2,980 (9.8)	3,000 (9.8)
2,900 (9.5)	2,900 (9.5)	2,900 (9.5)	2,900 (9.5)	3,165 (10.4)	2,910 (9.5)	3,170 (10.4)	3,200 (10.5)	3,150 (10.3)
3,870 (12.7)	3,870 (12.7)	3,870 (12.7)	3,870 (12.7)	3,840 (12.6)	3,800 (12.5)	3,800 (12.5)	3,840 (12.6)	3,840 (12.6)
460 (1.5)	460 (1.5)	500 (1.7)	500 (1.7)	360 (1.2)	400 (1.3)	480 (1.6)	580 (1.9)	480 (1.6)
700 (2.3)	700 (2.3)	700 (2.3)	700 (2.3)	1,270 (4.2)	1,270 (4.2)	1,270 (4.2)	1,100 (3.6)	1,350 (4.4)
1,800 (5.9)	1,800 (5.9)	1,800 (5.9)	1,800 (5.9)	2,050 (6.7)	2,050 (6.7)	2,050 (6.7)	2,180 (7.1)	2,200 (7.2)
700	700	700	700	750	750	750	800	800
700×100×98	700×100×98	700×100×98	700×100×98	750×150×66	750×150×66	750×150×66	800×150×66	800×150×66
3,100 (10.0)	3,100 (10.0)	3,100 (10.0)	3,100 (10.0)	3,600 (11.8)	3,600 (11.8)	3,600 (11.8)	3,200 (10.5)	3,700 (12.1)
2,200 (7.2)	2,200 (7.2)	2,200 (7.2)	2,200 (7.2)	2,450 (8.0)	2,450 (8.0)	2,450 (8.0)	2,750 (9.0)	2,500 (8.2)
350 (1.1)	350 (1.1)	350 (1.1)	350 (1.1)	400 (1.3)	400 (1.3)	400 (1.3)	550 (1.8)	530 (1.7)
1,350 (4.4)	1,350 (4.4)	1,350 (4.4)	1,350 (4.4)	1,450 (4.8)	1,450 (4.8)	1,430 (4.7)	1,200 (3.9)	1,490 (4.9)
Mitsubishi 6D16 Tier 2	CAT C6.6 Tier 3	Cummins QSB6.7 Tier 4 interim	Cummins QSB6.7 Tier 4 final	CAT C7 Tier 3	CAT C7.1 Tier 4 interim	Cummins QSB6.7 Tier 4 final	CAT C7.1 Tier 4 interim	CAT C9 Tier 3
221/2,700	225/2,200	225/2,100	225/2,200	249/2,200	249/2,200	249/2,000	249/2,200	325/2,200
165/2,700	168/2,200	168/2,100	168/2,200	186/2,200	186/2,200	186/2,000	186/2,200	242/2,200
CABIN CANOPY(OPTION)	CABIN CANOPY(OPTION)	CABIN(ROPS)	CABIN(ROPS)	CABIN	CABIN	CABIN(ROPS)	CABIN(ROPS)	CABIN
AIR CONDITIONER	AIR CONDITIONER	AIR CONDITIONER	AIR CONDITIONER	AIR CONDITIONER	AIR CONDITIONER	AIR CONDITIONER	AIR CONDITIONER	AIR CONDITIONER

Specifications are subject to change without notice.