MOROOKA

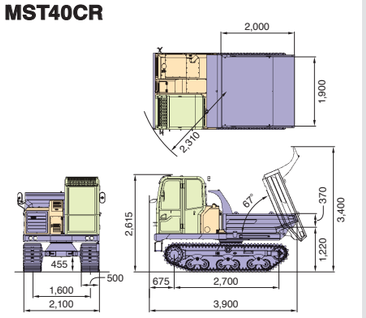
CRAWLER CARRIER



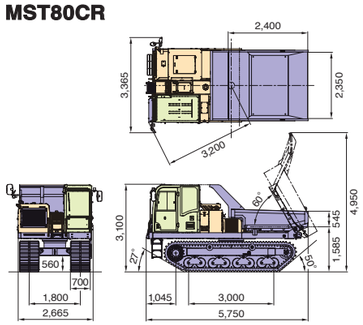
CARRIER for SOFT, SANDY and ROUGH TERRAIN

Durable Rubber Tracks : The rubber trucks 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 tacks offer the best of all worlds with low ground pressure, high performance movement and excellent traction.

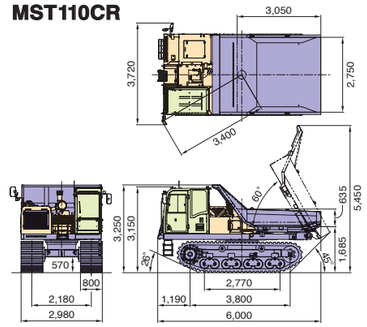
MST40CR



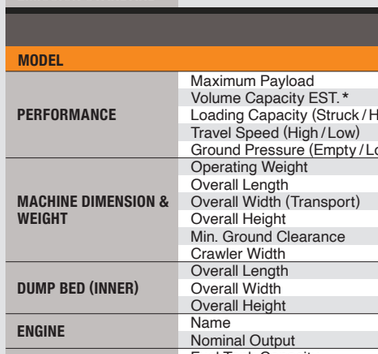
MST80CR



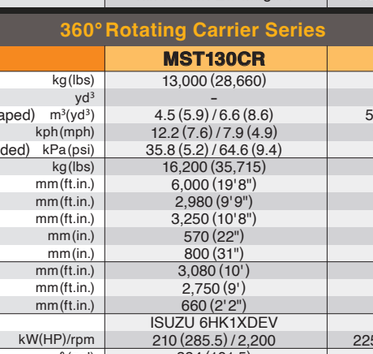
MST110CR



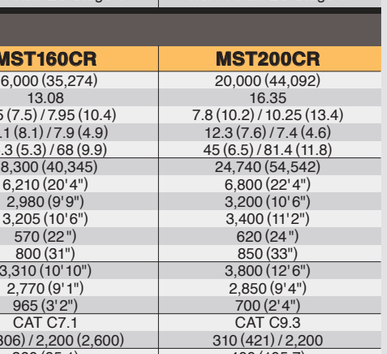
MST130CR



MST160CR



MST200CR



Specifications

360° Rotating Carrier Series

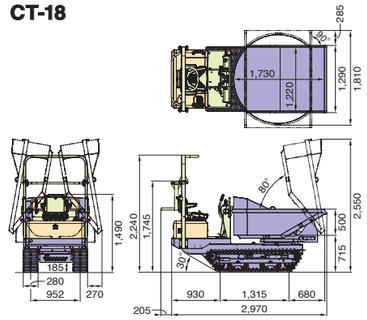
MODEL			MST40CR	MST80CR	MST110CR
PERFORMANCE	Maximum Payload	kg(lbs)	4,000 (8,818)	8,000 (17,637)	11,000 (24,251)
	Volume Capacity EST.*	yd³	3.27	6.54	9
	Loading Capacity (Struck / Heaped)	m³(yd³)	1.48 (1.9) / 1.8 (2.4)	2.43 (3.2) / 4 (5.2)	4.36 (5.7) / 6.17 (8.1)
	Travel Speed (High / Low)	kph(mph)	10.8 (6.7) / 7.6 (4.7)	10.6 (6.6) / 7.4 (4.6)	11.8 (7.3) / 7.6 (4.7)
	Ground Pressure (Empty / Loaded)	kPa(psi)	25.9 (3.8) / 46.8 (6.8)	27.9 (4) / 46.6 (6.8)	35.4 (5.1) / 59.7 (8.7)
MACHINE DIMENSION & WEIGHT	Operating Weight	kg(lbs)	5,100 (11,244)	11,950 (26,345)	16,000 (35,274)
	Overall Length	mm(ft.in.)	3,900 (12'10")	5,750 (18'10")	6,000 (19'8")
	Overall Width (Transport)	mm(ft.in.)	2,100 (6'11")	2,665 (8'9")	2,980 (9'9")
	Overall Height	mm(ft.in.)	2,615 (8'7")	3,100 (10'2")	3,250 (10'8")
	Min. Ground Clearance	mm(in.)	455 (18")	560 (22")	570 (22")
	Crawler Width	mm(in.)	500 (20")	700 (28")	800 (31")
DUMP BED (INNER)	Overall Length	mm(ft.in.)	2,000 (6'7")	2,400 (7'10")	3,050 (10'0")
	Overall Width	mm(ft.in.)	1,900 (6'3")	2,350 (7'9")	2,750 (9'0")
	Overall Height	mm(ft.in.)	370 (1'3")	545 (1'9")	635 (2'1")
ENGINE	Name		KUBOTA V3307	KUBOTA V5009	CAT C7.1
	Nominal Output	kW(HP)/rpm	52.5 (71.4) / 2,600	151.9 (206.5) / 2,200	186 (253) / 2,200
TANK CAPACITY	Fuel Tank Capacity	ℓ(gal)	105 (27.7)	210 (55.5)	330 (87.2)
	Hydraulic Oil Tank Capacity	ℓ(gal)	85 (22.5)	106 (28)	154 (40.7)
	DEF Tank Capacity	ℓ(gal)	-	40 (10.6)	32 (8.5)
EMISSION STANDARD			Tier4 Final / EU Stage V	Tier4 Final / EU Stage V	Tier4 Final / EU Stage V

360° Rotating Carrier Series

MODEL			MST130CR	MST160CR	MST200CR
PERFORMANCE	Maximum Payload	kg(lbs)	13,000 (28,660)	16,000 (35,274)	20,000 (44,092)
	Volume Capacity EST.*	yd³	-	13.08	16.35
	Loading Capacity (Struck / Heaped)	m³(yd³)	4.5 (5.9) / 6.6 (8.6)	5.75 (7.5) / 7.95 (10.4)	7.8 (10.2) / 10.25 (13.4)
	Travel Speed (High / Low)	kph(mph)	12.2 (7.6) / 7.9 (4.9)	13.1 (8.1) / 7.9 (4.9)	12.3 (7.6) / 7.4 (4.6)
	Ground Pressure (Empty / Loaded)	kPa(psi)	35.8 (5.2) / 64.6 (9.4)	36.3 (5.3) / 68 (9.9)	45 (6.5) / 81.4 (11.8)
MACHINE DIMENSION & WEIGHT	Operating Weight	kg(lbs)	16,200 (35,715)	18,300 (40,345)	24,740 (54,542)
	Overall Length	mm(ft.in.)	6,000 (19'8")	6,210 (20'4")	6,800 (22'4")
	Overall Width (Transport)	mm(ft.in.)	2,980 (9'9")	2,980 (9'9")	3,200 (10'6")
	Overall Height	mm(ft.in.)	3,250 (10'8")	3,205 (10'6")	3,400 (11'2")
	Min. Ground Clearance	mm(in.)	570 (22")	570 (22")	620 (24")
	Crawler Width	mm(in.)	800 (31")	800 (31")	850 (33")
DUMP BED (INNER)	Overall Length	mm(ft.in.)	3,080 (10')	3,310 (10'10")	3,800 (12'6")
	Overall Width	mm(ft.in.)	2,750 (9')	2,770 (9'1")	2,850 (9'4")
	Overall Height	mm(ft.in.)	660 (2'2")	965 (3'2")	700 (2'4")
ENGINE	Name		ISUZU 6HK1XDEV	CAT C7.1	CAT C9.3
	Nominal Output	kW(HP)/rpm	210 (285.5) / 2,200	225 (306) / 2,200 (2,600)	310 (421) / 2,200
TANK CAPACITY	Fuel Tank Capacity	ℓ(gal)	384 (101.5)	360 (95.1)	400 (105.7)
	Hydraulic Oil Tank Capacity	ℓ(gal)	158 (41.7)	183 (48.3)	195 (51.5)
	DEF Tank Capacity	ℓ(gal)	40 (10.6)	32 (8.5)	31.8 (8.4)
EMISSION STANDARD			EU Stage V	Tier4 Final / EU Stage V	Tier4 Final / EU Stage V

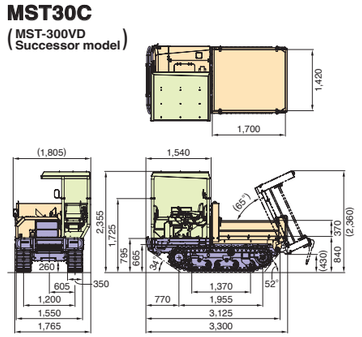
Specifications are subject to change without notice.
* Volume capacity is based on a material weight of 2,700 lb/yd³.

CT-18

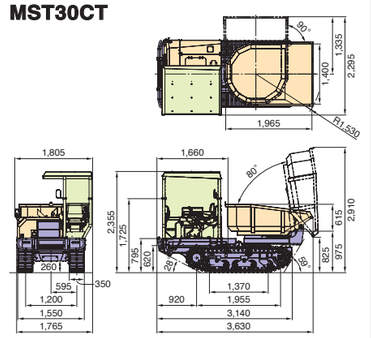


MST30C

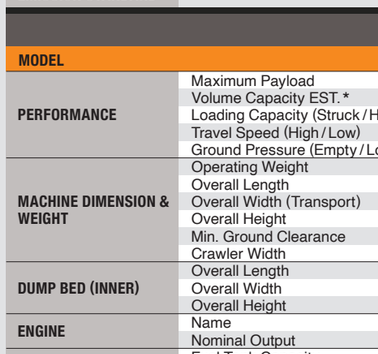
(MST-300VD Successor model)



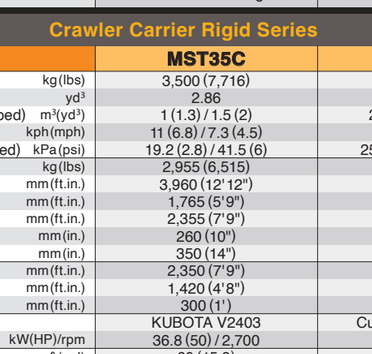
MST30CT



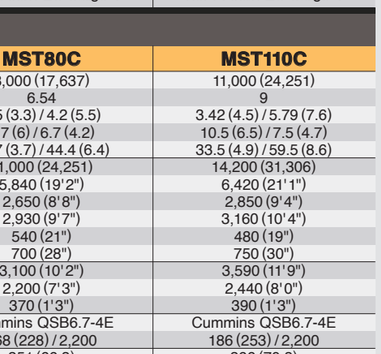
MST35C



MST80C



MST110C



Specifications

Crawler Carrier Rigid Series

MODEL			CT-18	MST30C	MST30CT
PERFORMANCE	Maximum Payload	kg(lbs)	1,800 (3,968)	3,000 (6,614)	3,000 (6,614)
	Volume Capacity EST.*	yd³	1.47	2.45	2.45
	Loading Capacity (Struck / Heaped)	m³(yd³)	0.73 (1) / 0.98 (1.3)	0.9 (1.2) / 1.3 (1.7)	0.8 (1.1) / 1.3 (1.7)
	Travel Speed (High / Low)	kph(mph)	7.7 (4.8) / 5.0 (3.1)	11 (6.8) / 6 (3.7)	11 (6.8) / 6 (3.7)
	Ground Pressure (Empty / Loaded)	kPa(psi)	19 (2.8) / 42.9 (6.2)	20.1 (2.9) / 41.6 (6)	21.2 (3.1) / 42.6 (6.2)
MACHINE DIMENSION & WEIGHT	Operating Weight	kg(lbs)	1,370 (3,020)	2,750 (6,063)	2,900 (6,393)
	Overall Length	mm(ft.in.)	2,970 (9'9")	3,300 (10'10")	3,635 (11'11")
	Overall Width (Transport)	mm(ft.in.)	1,290 (4'3")	1,765 (5'9")	1,765 (5'9")
	Overall Height	mm(ft.in.)	1,490 (4'11")	2,355 (7'9")	2,355 (7'9")
	Min. Ground Clearance	mm(in.)	185 (7")	255 (10")	255 (10")
	Crawler Width	mm(in.)	280 (11")	350 (14")	350 (14")
DUMP BED (INNER)	Overall Length	mm(ft.in.)	1,730 (5'8")	1,700 (5'7")	1,965 (6'5")
	Overall Width	mm(ft.in.)	1,220 (4')	1,420 (4'8")	1,460 (4'9")
	Overall Height	mm(ft.in.)	500 (1'8")	370 (1'3")	380 (1'3")
ENGINE	Name		KUBOTA D902	KUBOTA V2403	KUBOTA V2403
	Nominal Output	kW(HP)/rpm	15.9 (22) / 2,200 (2,600)	36.8 (50) / 2,700	36.8 (50) / 2,700
TANK CAPACITY	Fuel Tank Capacity	ℓ(gal)	20 (5.3)	60 (15.9)	60 (15.9)
	Hydraulic Oil Tank Capacity	ℓ(gal)	24 (6.3)	-	-
	DEF Tank Capacity	ℓ(gal)	-	-	-
EMISSION STANDARD			Tier4 Final / EU Stage V	Tier4 Final / EU Stage V	Tier4 Final / EU Stage V

Crawler Carrier Rigid Series

MODEL			MST35C	MST80C	MST110C
PERFORMANCE	Maximum Payload	kg(lbs)	3,500 (7,716)	8,000 (17,637)	11,000 (24,251)
	Volume Capacity EST.*	yd³	2.86	6.54	9
	Loading Capacity (Struck / Heaped)	m³(yd³)	1 (1.3) / 1.5 (2)	2.5 (3.3) / 4.2 (5.5)	3.42 (4.5) / 5.79 (7.6)
	Travel Speed (High / Low)	kph(mph)	11 (6.8) / 7.3 (4.5)	9.7 (6) / 6.7 (4.2)	10.5 (6.5) / 7.5 (4.7)
	Ground Pressure (Empty / Loaded)	kPa(psi)	19.2 (2.8) / 41.5 (6)	25.7 (3.7) / 44.4 (6.4)	33.5 (4.9) / 59.5 (8.6)
MACHINE DIMENSION & WEIGHT	Operating Weight	kg(lbs)	2,955 (6,515)	11,000 (24,251)	14,200 (31,306)
	Overall Length	mm(ft.in.)	3,960 (12'12")	5,840 (19'2")	6,420 (21'1")
	Overall Width (Transport)	mm(ft.in.)	1,765 (5'9")	2,650 (8'8")	2,850 (9'4")
	Overall Height	mm(ft.in.)	2,355 (7'9")	2,930 (9'7")	3,160 (10'4")
	Min. Ground Clearance	mm(in.)	260 (10")	540 (21")	480 (19")
	Crawler Width	mm(in.)	350 (14")	700 (28")	750 (30")
DUMP BED (INNER)	Overall Length	mm(ft.in.)	2,350 (7'9")	3,100 (10'2")	3,590 (11'9")
	Overall Width	mm(ft.in.)	1,420 (4'8")	2,200 (7'3")	2,440 (8'0")
	Overall Height	mm(ft.in.)	300 (1')	370 (1'3")	390 (1'3")
ENGINE	Name		KUBOTA V2403	Cummins QSB6.7-4E	Cummins QSB6.7-4E
	Nominal Output	kW(HP)/rpm	36.8 (50) / 2,700	168 (228) / 2,200	186 (253) / 2,200
TANK CAPACITY	Fuel Tank Capacity	ℓ(gal)	60 (15.9)	251 (66.3)	266 (70.3)
	Hydraulic Oil Tank Capacity	ℓ(gal)	-	125 (33)	125 (33)
	DEF Tank Capacity	ℓ(gal)	-	33.54 (8.9)	33.54 (8.9)
EMISSION STANDARD			Tier4 Final / EU Stage V	Tier4 Final / EU Stage V	Tier4 Final / EU Stage V

Specifications are subject to change without notice.
* Volume capacity is based on a material weight of 2,700 lb/yd³.







Living tradition World No.1 tracked dumper

Crawler Carrier Straight frame series

Consideration for the Environment

Auto Deceleration

When idling continues for a certain period of time, engine speed automatically idols down to improve fuel efficiency while reducing noise and CO_2 emissions.
(MST80C/MST110C/MST40CR/MST80CR/MST110CR/MST130CR/MST160CR/MST200CR)





MOROOKA Tracked dumpers working in the world.

The pioneer in the field of rough terrain transport, MOROOKA's MST series have gained the #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.





Pursuing Safety and Comfort

List of canopy and cabin specification

Supported models		
Name	**Canopy**	**Cabiin**
CT-18	ROPS	–
MST30C	ROPS	–
MST30CT	ROPS	–
MST35C	ROPS	–
MST80C	–	ROPS/FOPS
MST110C	–	ROPS/FOPS
MST40CR	ROPS/FOPS	ROPS/FOPS
MST80CR	–	ROPS/FOPS
MST110CR	–	ROPS/FOPS
MST130CR	–	ROPS/FOPS
MST160CR	–	ROPS/FOPS
MST200CR	–	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.

Rigid Series



CT-18 Max. Payload 1,800kg
Tier4 / EU Stage V

MST30C Max. Payload 3,000kg
(MST-300VD Successor model)
Tier4 / EU Stage V

MST30CT Max. Payload 3,000kg
Tier4 / EU Stage V

MST35C Max. Payload 3,500kg
Tier4 / EU Stage V

MST80C Max. Payload 8,000kg
Tier4 / EU Stage V

MST110C Max. Payload 11,000kg
Tier4 / EU Stage V

360°Rotating Crawler Carrier

360°Rotating Carrier Series

360° Rotation

360° ROTATING CARRIER SERIES



Pursuing Safety and Comfort

Surround View Monitor

The use of a surround-view monitor system can enhance safety on-site and for the operators. ＊This system is designed to assist operators but is not intended to prevent accidents or collisions.
(MST80CR/MST110CR/MST130CR/MST160CR/MST200CR)



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. (MST80C/MST110C/MST80CR/MST110CR/MST130CR/MST160CR/MST200CR)

"KURU-KURU" Carrier Series



MST40CR Max. Payload 4,000kg
Tier4 / EU Stage V



MST80CR Max. Payload 8,000kg
Tier4 / EU Stage V



MST110CR Max. Payload 11,000kg
Tier4 / EU Stage V



MST130CR Max. Payload 13,000kg
EU Stage V



MST160CR Max. Payload 16,000kg
Tier4 / EU Stage V



MST200CR Max. Payload 20,000kg
Tier4 / EU Stage V

Strong Undercarriage for Excellent Off Road Capability

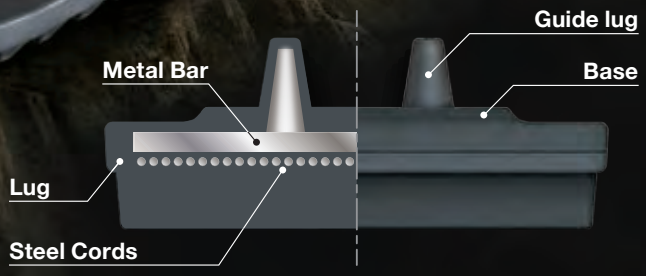
MOROOKA's Large Rubber Tracks

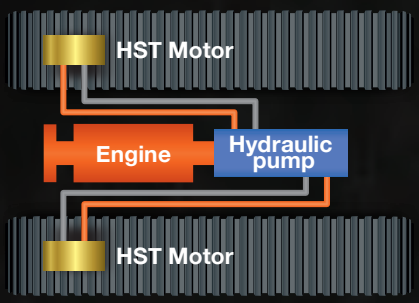
Since 1978, when Morooka succeeded in developing the world's first large-sized rubber tracks, Morooka has continued to provide the best undercarriages with continuous improvement.



Rubber Crawlers

Morooka is the pioneer of rubber tracks! We continue to evolve, pushing the envelope with innovative design, using over 40 years of knowledge and experience as our launching pad. We provide seamless, heavy duty, rubber tracks for long lasting durability!





Track Rollers

Our 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.

MS CM024

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