

Corporate History

Mar. 1958	Established as a construction company
Nov. 1966	Established as Morooka Industry Ltd.
Aug. 1971	Company name changed to Morooka Co., Ltd.
Aug. 1975	Production start of hydraulic trencher, bulldozer and off-road carrier
Oct. 1977	Start of delivery of crawler shovels and crawler carriers to Showa base (Antarctica)
Oct. 1978	Development of large size crawlers (500mm width), as a joint development with Bridgestone
Apr. 2000	Release of Wood Crusher
Jul. 2012	Start of production in America
Sep. 2012	ISO 14001
Aug. 2015	ISO 9001
Jul. 2016	Establishment of Morooka America
Apr. 2017	Establishment of Morooka Europe GmbH



MOROOKA – Living with Environment



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MOROOKA



GENERAL CATALOGUE
 Technology and Environmental protection

CARRIER

RUBBER CRAWLER

WE TAKE PRIDE IN BEING
A PIONEER OF RUBBER TRACKS.

Simple operability



Rotation and dump control Combination lever (user friendly operability)



Highly Visible side and back camera

Time of turning around is reduced by 360° rotation function and work efficiency will be highly improved with it. Pilot lamp, back and side camera are installed as standard equipment for safety.

Drop side deck



End dump



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.



	MST-200VDR	MST-300VD	MST-300VDR	MST-600VD	MST-700VD	MST-800VD
Max. Payload	2,000 kg	2,500 kg	2,500 kg	3,800 kg	4,300 kg	4,800 4,800 5,000 kg
Overall Length	2,850 mm	3,150 mm	3,490 mm	3,780 mm	4,530 mm	4,430 4,500 4,500 mm
Overall Width	1,500 mm	1,745 mm	1,745 mm	2,100 mm	2,200 mm	2,425 2,425 2,455 mm
Overall Height	2,340 mm	2,330 mm	2,330 mm	2,330 mm	2,580 mm	2,590 2,590 2,710 mm
Engine Model	KUBOTA V1505 Tier 4 final Stage 4	KUBOTA V2203 Tier 4 Interim Stage 3A	KUBOTA V2203 Tier 4 Interim Stage 3A	KUBOTA V3307 Tier 4 Interim Stage 3A	KUBOTA V3800 Tier 4 Interim Stage 3B	Mitsubishi 4D34 Tier 2 Stage 2 CAT C4.4 Tier 3 Stage 3A CAT C4.4 Tier 4 Interim Stage 3B



	MST-1500VD	MST-1500VDR	MST-2200VD	MST-2200VDR	MST-3000VD
Max. Payload	7,000 7,000 7,000 kg	7,000 kg	11,000 11,000 kg	11,000 11,000 kg	15,000 kg
Overall Length	5,360 5,520 5,750 mm	5,790 mm	6,200 6,260 mm	5,900 5,900 mm	6,200 mm
Overall Width	2,635 2,650 2,850 mm	2,800 mm	2,905 2,850 mm	2,980 2,980 mm	3,000 mm
Overall Height	2,780 2,900 2,910 mm	3,178 mm	3,140 3,800 mm	3,200 3,280 mm	3,100 mm
Engine Model	Mitsubishi 6D16 Tier 2 Stage 2 CAT C6.6 Tier 3 Stage 3A Cummins QS86.7 Tier 4 final Stage 4 Cummins QSB6.7 Tier 4 final Stage 4 CAT C7 Tier 3 Tier 4 final Stage 3A Cummins QSB6.7 Tier 4 Interim Stage 4 CAT C7.1 Tier 4 Interim Stage 3B CAT C7.1 Tier 4 final Stage 4 CAT C9 Tier 3 Stage 3A				

FORWARDER

RUBBER CRAWLER

**STRONGEST PARTNER
ON YOUR FORESTRY JOBSITE.**

A lot of options and 5 models lineup

A lot of options (grapple, crane and winches etc.) are prepared for customer's request.
5 models are prepared for responding to the various operating conditions.



Purpose built forest machine in mind of balance and safety

By moving the engine forward greatly, at the time of loading, it keeps the balance at suitable level.
Undercover, pump & motor cover are reinforced to protect machine from shock.



MST-300VDL

Max. Payload	2,800 kg
Overall Length	4,205 mm
Overall Width	1,740 mm
Overall Height	2,330 mm
Engine Model	KUBOTA V2203-M/ Tier 4 Interim/ Stage 3A



MST-600VDL

Max. Payload	3,300 kg
Overall Length	4,690 mm
Overall Width	2,100 mm
Overall Height	2,270 mm
Engine Model	KUBOTA V3307-DI-T/ Tier 4 Interim/ Stage 3A



MST-700VDL (Grapple)

Max. Payload	3,800 kg
Overall Length	5,850 mm
Overall Width	2,545 mm
Overall Height	3,110 mm
Engine Model	KUBOTA V3800-CR-TE4B/ Tier 4 Interim/ Stage 3B



MST-800VDL

Max. Payload	5,000 kg
Overall Length	5,070 mm
Overall Width	2,300 mm
Overall Height	2,380 mm
Engine Model	CAT C4.4 ACERT/ Tier 4 Interim/ Stage 3B



MST-1500VDL

Max. Payload	7,000 kg
Overall Length	6,000 mm
Overall Width	2,500 mm
Overall Height	2,860 mm
Engine Model	Cummins QSB6.7/ Tier 4 Interim/ Stage 3B

FORKLIFT

RUBBER CRAWLER

OUR FORKLIFTS WORK WHERE
WHEELED-TYPE FORKLIFTS CANNOT ACCESS.



Highly visible
LED lamp installed



Easy inspection
and maintainability



Side shift available



Only one crawler forklift in the world

Kubota V2403 engine mounted
Harvesting work can be carried out with minimum damage for ground. You can go and work at where you are unable to work well so far. Why don't you have the environment friendly and only one crawler forklift in the world?



MFD-20

Max. Payload	2,000 kg
Overall Length	4,930 mm
Overall Width	1,580 mm
Overall Height	2,250 mm
Engine Model	KUBOTA V2403-CR-TI-YDN Tier 4 Final/ Stage 3B

CRUSHER

RUBBER CRAWLER

MOROOKA CRUSHER CONTRIBUTES TO EFFECTIVE BIOMASS REUSE BY PROCESSING WOOD MATERIAL.

Cutter Blades and Cutter Plate

- Cutter blades are super-hard, made of tungsten carbide mixed with artificial diamond.
- Each cutter blade can be used twice by switching upside down.
- Cutter plate can be replaced 4 times, up and down, front and back.

Tub

- Tub can be opened up to 90 degrees at most, which secures easy maintenance.
- Tub opening is so wide, it will get your job done fast.

Cleaning up and Maintenance

- Tub dumps open so cleaning and maintenance are easy.
- Oil cooler and radiator also open up.

Variety of Options

- Magnetic separator, screen, extension of belt conveyor and tub automatic reversal function.

All models 2 Types of Cutter Drums

Conventional hammer type cutter drum can be installed and we also have knife type cutter drum as an option. Knife type cutter drum provides superior crushing capacity.

Hammer type cutter drum



Knife type cutter drum



MC-6000 Original Square Blade



Durable and Less Wear

Square blades are designed for the largest model, MC-6000. Even little number of blades demonstrates strong power.



MC-1500

Overall Length	4,800 mm
Overall Width	2,100 mm
Overall Height	2,470 mm
Tub opening diameter	1,500 mm
Engine Model	ISUZU BB-6BGIT/ Tier 2/ Stage 2



MC-2000

Overall Length	5,120 mm
Overall Width	2,400 mm
Overall Height	2,730 mm
Tub opening diameter	1,800 mm
Engine Model	CAT C7.1/ Tier 4 Interim/ Stage 3B



MC-4000

Overall Length	5,900 mm
Overall Width	2,720 mm
Overall Height	2,840 mm
Tub opening diameter	2,000 mm
Engine Model	CAT C15/ Tier 3/ Stage 3A



MC-6000

Overall Length	5,900 mm
Overall Width	2,850 mm
Overall Height	3,080 mm
Tub opening diameter	2,200 mm
Engine Model	CAT C18/ Tier 3/ Stage 3A



MC-2500T

Overall Length	4,500 mm
Overall Width	2,400 mm
Overall Height	2,730 mm
Tub opening diameter	1,800 mm
Engine Model	mitsubishi 6D16-TL2A/ Tier 2/ Stage 2

SCREEN

RUBBER CRAWLER

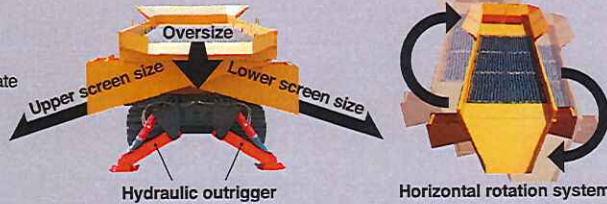
SHOVEL LOADER

RUBBER CRAWLER



Feature

- Rotary type
- Two layered screens separate material in three size.
- Horizontal rotation system.
- Hydraulic outrigger.



40mm Under



10mm Under

Over size

Screen Size:	
Standard	(Up) 40 mm (Under) 10 mm
Optional	15 mm, 20 mm, 30 mm, 50 mm



MRS-24



MRS-36

Overall Length	4,700 mm	6,080 mm
Overall Width	2,350 mm	2,670 mm
Overall Height	2,520 mm	2,705 mm
Sieve area	1,200×2,400 mm	1,700×3,680 mm
Engine Model	KUBOTA V2203-KA / Tier 4 Interim / Stage 3A	KUBOTA V3307-DI-7 / Tier 4 Interim / Stage 3A



Construction work



Strong undercarriage

Morooka's rubber crawler shovel loader shows its strength on rough terrain such as snowy area, construction and earthmoving jobsite.



Snow removal on Skiing field



Transport of fertilizer



MS-40V

Bucket capacity	0.4 m ³
Overall Length	3,750 mm
Overall Width	1,850 mm
Overall Height	1,210 mm
Engine Model	KUBOTA V2203-KA / Tier 4 Interim / Stage 3A