

# MOROOKA

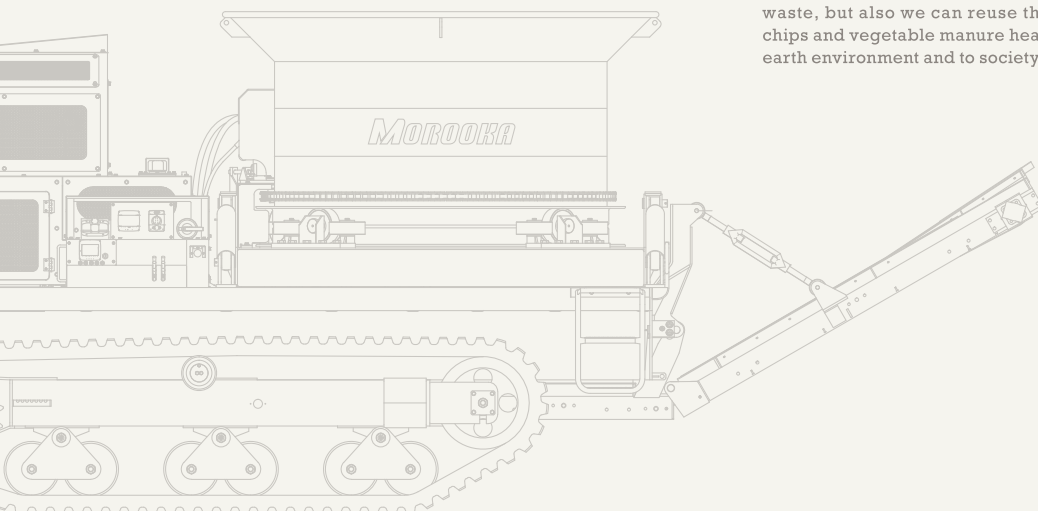
Made  
in  
Japan



## CRUSHER

### MOROOKA ENVIRONMENTAL MACHINERY

By crushing the wood waste materials in wooded areas, not only we can reduce the waste, but also we can reuse the waste as natural resources by producing wood chips and vegetable manure heap and use as energy. Morooka is contributing to the earth environment and to society.





# MC accelerates efficient use of woody biomass, and contributes to creation of recycling society.



## MC series on various jobsites



MC-2000 Construction Waste



MC-2000 & Rotary Screen (MRS-24)



MC-2000 Culturing Mushroom Bed



MC-2000 Forest Remaining Wood



MC-6000 Dam Driftwood



MC-6000 Abolished Palette



# Morooka is the industry leader of self-propelled wood crusher in Japanese market!!



**Global environment conservation by effective use of woody biomass**

Our MC Wood Crusher will contribute effective use of woody biomass by recycling of leaves, round wood, forest scraps, scrap wood, construction waste, dam drift timber and leftover material generated from forest maintenance.



## Environmental-friendly rubber crawler and HST system

Rubber crawler and HST system, synonyms for Morooka, minimize noise and vibration. HST system also has an edge economically and operationally because it minimizes engine load. Rubber crawler gets you anywhere without hurting road surface.

## It powerfully crushes materials like raw wood, leaves, branches, construction waste wood, bamboo, grass or plastic

Crushing woody waste and forest scraps result in not only volume reduction, but also producing fuel wood chip and compost production for reuse as natural resource and energy. Morooka contributes to the environment and society.

## It is simple, economy and compact

- Our self-propelled wood crusher is simple-designed. Easy maintenance leads to less running cost.
- Simple design gives us competitive edge on price. "Made in Japan" means best product liability.
- It features nothing more or less, fits in any jobsites you wish to work on.

## Morooka's Self-propelled wood crusher, MC series

MC series features 3 sizes. They can be used for purposes of private use or large scale projects. Depending on how much work you have to get done, we have engines from 197 PS to 639 PS.



### MC-2000VA

- Machine weight: 12,150 kg
- Rated output/Engine speed: 151(205PS)/2,200(kw/min<sup>-1</sup>)
- Tub opening inside diameter: 1,800mm



### MC-4000

- Machine weight: 15,400 kg
- Rated output/Engine speed: 354(482PS)/2,100(kw/min<sup>-1</sup>)
- Tub opening inside diameter: 2,000mm



### MC-6000

- Machine weight: 19,300 kg
- Rated output/Engine speed: 470(639PS)/2,100(kw/min<sup>-1</sup>)
- Tub opening inside diameter: 2,200mm



### MC-2500T

- Machine weight: 8,600 kg
- Rated output/Engine speed: 140(190PS)/2,200(kw/min<sup>-1</sup>)
- Tub opening inside diameter: 1,800mm

## Simple & Safe Design in Consideration of Easy Maintenance



### 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.

## Stationary Crusher "MC-2500T"



### Reasonable Price

While cutting down crawler system, same capability and quality of MC-2000VA have been maintained.



### Easy Maintenance

Simple structure makes easy maintenance (inspection, repair, parts replacement) as same as other models.



# ECO FRIENDLY & HIGH PERFORMANCE

## MC Series Standard Specification

		MC-2000VA	MC-4000	MC-6000	MC-2500T
Machine Weight	kg	12,150	15,400	19,300	8,600
Overall Length	mm	5,120	5,900	5,900	5,055
Overall Width	mm	2,400	2,720	2,950	2,400
Overall Height	mm	2,730	2,840	3,080	2,535
Engine		CAT C7.1/Tier4 Final/Stage4	CAT C15	CAT C18	mitsubishi 6D16-TLE2A/Tier2/Stage 2
Piston Displacement	cc	7,010	15,200	18,100	7,540
Rated Output /Engine Speed	kw/min <sup>-1</sup>	151(205PS)/2,200	354(482PS)/2,100	470(639PS)/2,100	140(190PS)/2,200
Track Width	mm	600	600	750	—
Belt conveyor Width x Length	mm	600×2,100±150	700×4,000	800×4,000	620×3,140±250
Tub Depth x Opening inside diameter	mm	1,300×1,800	1,340×2,000	1,450×2,200	1,300×1,800
Travel Speed	km/h	0~3	0~3	0~3	—
Fuel Tank Capacity	ℓ	280	470	470	172

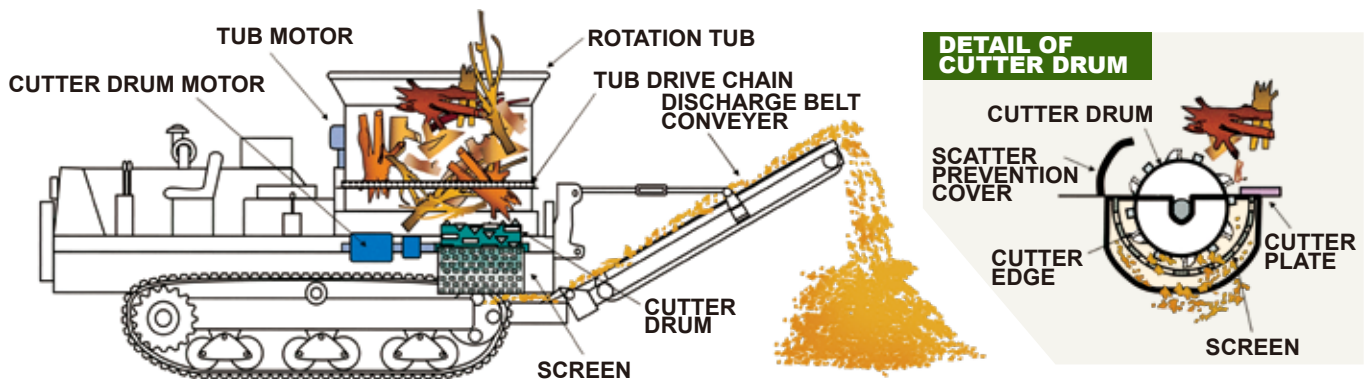
※Specifications are subject to change without notice.

※Belt conveyor length is not included in the overall length.

## Option

1. Magnetic Separator    2. Screen (Hole Diameter)    3. Extended Belt Conveyor    4. Automatic Tub Reverse Drive System

## Outline Mechanism of MC Series



- ① Tub rotation sends supplied material down to cutter drum
- ② Supplied material is crushed by cutter blades and cutter plates
- ③ Crushed material goes down through screen and is discharged by belt conveyor

# MOROOKA

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