

MOROOKA

*Technology and
Environmental protection*

CRUSHER



MOROOKA Environmental Machinery
C R U S H E R

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



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.

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.

Morooka crusher 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

Line-ups

MC series features 4 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 146 PS to 639 PS.



MC-1500

Smallest in our MC series

- Machine weight: 8,750 kg
- Rated output/Engine speed: 107(146PS)/2,000(kw/min⁻¹)
- Tub opening inside diameter: 1,500mm



MC-2000

- Machine weight: 11,600 kg
- Rated output/Engine speed: 145(197PS)/2,100(kw/min⁻¹)
- Tub opening inside diameter: 1,800mm



MC-4000

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



MC-6000

Largest in our MC series

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

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.

MC-6000 Original Square Blade



● Durability and Less Wear

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

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

ECO FRIENDLY & HIGH PERFORMANCE MOROOKA WOOD CRUSHER

Standard Specification MC Series

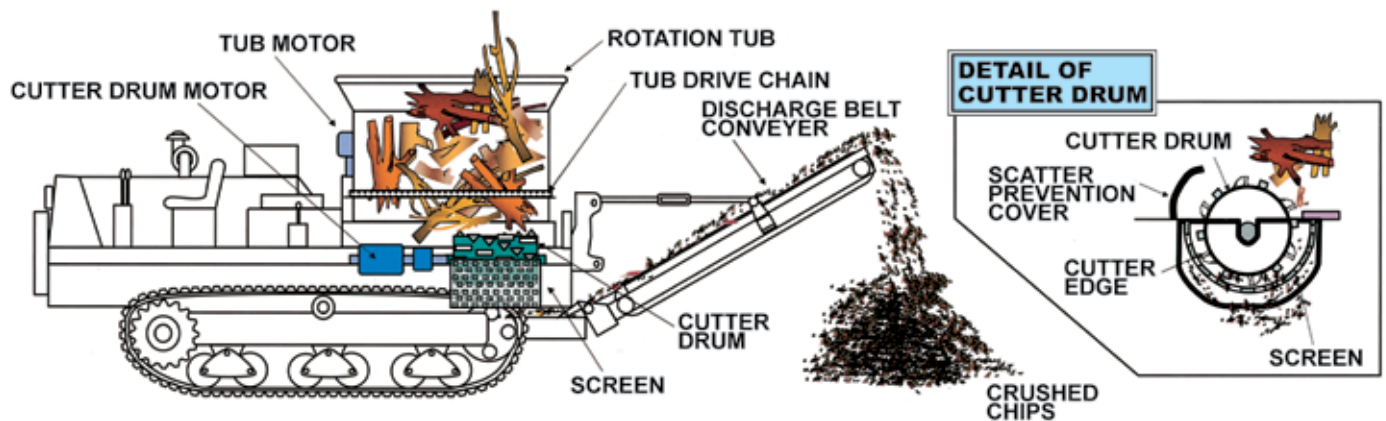
		MC-1500	MC-2000	MC-4000	MC-6000
Machine Weight	kg	8,750	11,600	15,400	19,300
Overall Length	mm	4,600	5,120	5,900	5,900
Overall Width	mm	2,100	2,400	2,720	2,950
Overall Height	mm	2,470	2,730	2,840	3,080
Engine		ISUZU BB-6BGIT	MITSUBISHI 6M60-TLE3A	CAT C15	CAT C18
Piston Displacement	cc	6,490	7,540	15,200	18,100
Rated Output / Engine Speed	kw/min ⁻¹	107(146PS)/2,000	145(197PS)/2,100	354(482PS)/2,100	470(639PS)/2,100
Track Width	mm	500	600	600	750
Belt conveyor Width x Length	mm	600×3,500	600×3,500	700×4,000	800×4,000
Tube Depth x Opening inside diameter	mm	1,190×1,500	1,300×1,800	1,340×2,000	1,450×2,200
Travel Speed	km/h	0~3	0~3	0~3	0~3
Fuel Consumption Ratio	ℓ	160	290	470	470

※ 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 Crushes supplied material by cutter blades and cutter plates
- ③ Crushed material goes down through screen and is discharged by belt conveyor

MOROOKA

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