



# MC-6000

Self-propelled Wood Crusher



**MOROOKA**

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## Options

### Screen

In addition to the choice of round or square holes, the hole diameter size can also be changed. For details, please contact our sales representative.

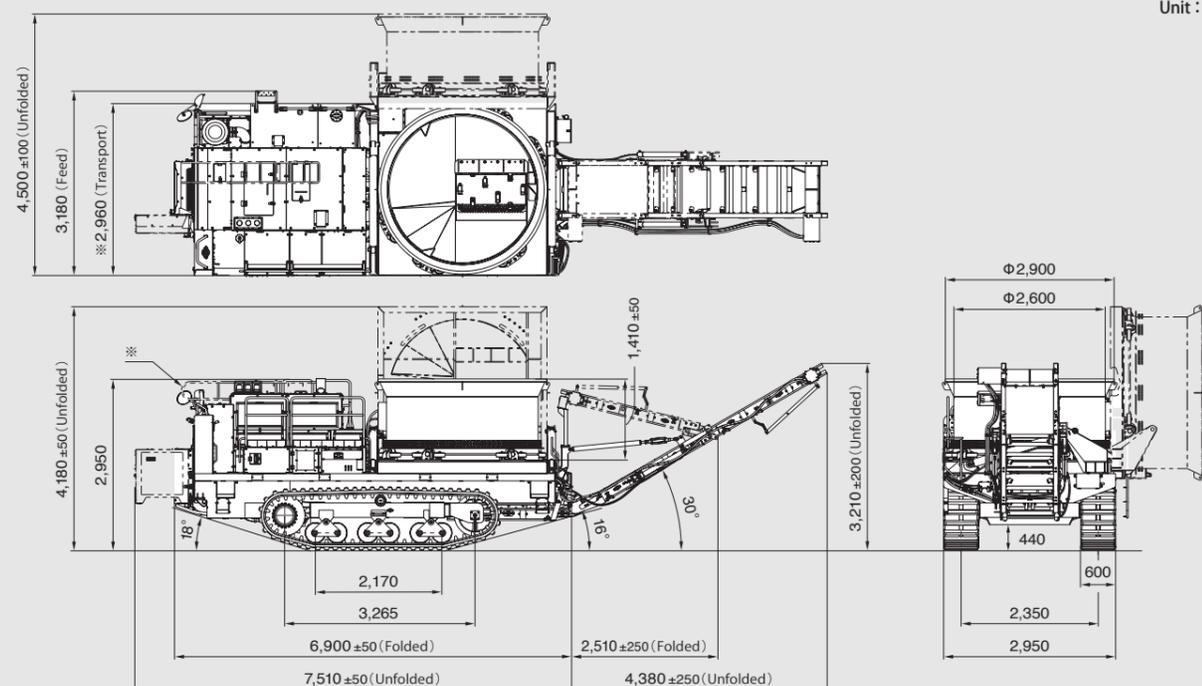
## Specifications

MODEL	MC-6000				
DIMENSION & PERFORMANCE	Travel Speed (High/Low) mph(kph)	1.9(3.0) / 1.0(1.6)	TUB DIMENSION	Opening Diameter (outside//inside) ft.in./mm	9'6" // 8'6" / 2,900 // 2,600
	Ground Pressure psi(kPa)	11.0 (76.1)		Tub Depth ft.in./mm	4'8"±2" / 1,410 ±50
	Machine Weight lbs./kg	44,533 / 20,200	ENGINE	Name	Caterpillar C18
	Overall Length (Folded) ft.in./mm	39'0"(30'10") / 11,890 (9,410)		Nominal Output/rpm kW(HP)/rpm	470 (639) / 1,900
	Overall Width ft.in./mm	9'9" / 2,960	FUEL	Diesel	
	Overall Height ft.in./mm	9'8" / 2,950		TANK CAPACITY	Fuel Tank Capacity gal./ℓ
	Ground Clearance in./mm	17" / 440	HST Tank Capacity gal./ℓ		71.3 / 270
Crawler Width in./mm	24" / 600	DEF Tank Capacity gal./ℓ	12.5 / 47.2		
DISCHARGE CONVEYOR DIMENSION	Conveyor Length ft.in./mm	14'4"±10" / 4,380 ±250	Emission Standard	Tier 4 Final / EU Stage V	
	Conveyor Width in./mm	31" / 800			
	Ground Clearance to Conveyor ft.in./mm	10'6"±8" / 3,210 ±200			

● Overall Length doesn't contain the conveyor length. ● Discharge Conveyor Dimension is measured when installed conveyor angle was 30°. ● Image is for illustration purposes. Specifications are subject to change without notice

## Dimensions

Unit : mm



- Made in Japan
- With automatic reverse function
- With remote control for crushing operation (standard equipment)
- Equipped with hydraulic retractable belt conveyor
- Improved maintainability
- Wide variety of screens (optional)

### CAT C18 Engine Tier 4 Final/EU Stage V

Greatly reduces emissions of PM (particulate matter) and NOx (nitrogen oxides) contributes to environmental protection.

**MOROOKA**  
Morooka Co., Ltd.



CONTACT

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TEL : +81-297-66-2111 TEL : (Overseas Sales Dept.) : +81-297-86-9034

## Uses a clean, state-of-the-art engine that is environmentally friendly!

Equipped with a highly efficient engine that meets the 2014 Off-Road Law standard as well as EU Stage 5, the world's strictest exhaust gas standard. Compared to conventional machines, fuel efficiency has been improved by approximately 8%. This has reduced operating costs and reduced CO<sub>2</sub> emissions. This provides powerful performance while reducing environmental impact. A future-oriented crusher that combines environmental conservation and work efficiency!

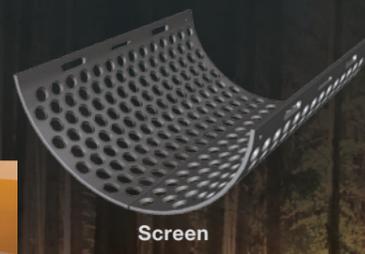


## Revolutionize your Jobsite with overwhelming crushing power and processing efficiency!

Compared to the previous model, the hydraulic pump capacity has been increased by approximately 30%. This has significantly improved crushing capacity, allowing for smoother work. In addition, the hopper diameter has been expanded by 18%, increasing the material input capacity. This has made it possible to process large quantities and improve the continuity of work. In addition, the discharge conveyor speed has been increased, improving the efficiency of chip discharge. Smooth discharge contributes to shortening work times. Achieve even greater work efficiency with the high-performance, highly efficient MC-6000!



Crushing drum



Screen

## Achieve comfortable driving at any site!

The undercarriage uses Morooka's traditional rubber crawlers. Not only do they provide excellent driving performance on rough ground, but they also cause significantly less damage to leveled surfaces such as concrete and asphalt compared to steel crawlers. As a result, you can work safely and smoothly regardless of the site environment. We deliver high convenience regardless of the site.

## Further improved maintainability, improving work efficiency and convenience!

### Fully open hopper structure

The design of the hopper opening completely improves accessibility to the crushing chamber. Cleaning is easy, and replacement of the drum, cutter blade, and receiving blade can be performed smoothly. It reduces daily maintenance time and improves work efficiency.

### Optimal placement of air cleaner

The position of the air cleaner has been changed to a position that allows ground access. It is now easy for workers to access, allowing smooth daily inspection and cleaning. In addition, the design suppresses the suction of wood chips and other debris with a dustproof net, reducing filter clogging and maintaining the machine's performance for a long period of time.

### "Battery disconnect switch" that improves safety and convenience

A battery disconnect switch is standard equipment. This allows the battery to be easily and reliably disconnected after using the machine, significantly reducing the risk of power malfunction and fire, and ensuring the safety of the worker and the machine.



Hopper



Air cleaner



Dustproof net

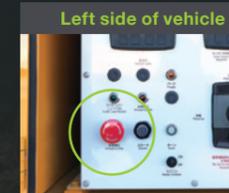


Battery disconnect switch

## Enhanced safety

### Emergency stop switches in three locations

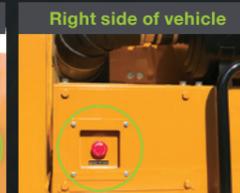
Emergency stop switches are installed on the left and right sides of the vehicle body and at the driving operation point. The machine can be stopped immediately from any position, so you can respond quickly even in the event of a problem.



Left side of vehicle



Driver's seat



Right side of vehicle

Emergency Stop Switch

### Fall prevention handrails installed

Fall prevention handrails are newly installed on the vehicle body. This prevents falls when working at height and ensures the safety of the operator.



Fall prevention handrails



LED lights

### LED lights adopted

High-brightness, low-energy LED lights are standard equipment. They provide excellent visibility even in dark environments and at night, improving work efficiency and peace of mind on site.



Crushing operation remote control

### Remote control operation for added convenience

A remote control for crushing operations is standard equipment, allowing you to operate the hopper from a safe location away from the vehicle body. This has achieved both improved work efficiency and safety.

## Advanced functions and performance that meet the needs of the site

### Improved efficiency with a long, high-folding discharge conveyor that reflects customer feedback

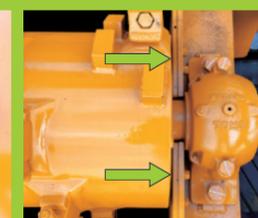
To further improve work efficiency, a longer, higher discharge conveyor is used than in previous models. This allows for quick processing of large amounts of wood and efficient discharge work. It can be folded compactly when transporting. It is also easy to move between sites, so it can be used safely in any location. It can be installed and operated without stress even in narrow spaces or complex work environments.

### Even more convenient replacement of consumable parts

The anti-scattering cover in the hopper, which required welding repairs in previous models, and the inner wall of the side of the crushing drum are now removable, significantly reducing the effort required for maintenance and part replacement after crushing work. Replacement of consumable parts is now faster and easier, minimizing work interruptions.



Anti-scattering cover



Crushing drum side inner wall



Folding discharge conveyor

MC-6000