



MP-2 Grinder & Colorizer



"Perfect In One Pass"®

***"Perfect In One Pass"*® Colored Mulch**

Simplify your mulch production with a complete grind-and-color system.



The Rotochopper Difference

The MP-2 converts raw wood fiber into vibrant color-enhanced mulch with less mess and less hassle, fewer machines and fewer steps. The *"Perfect In One Pass"*® design minimizes fines and spears, producing more mulch volume with less water and colorant, which adds up to a lower cost per cubic yard.

Scaled Down, Not Stripped Down

With the MP-2, you get portability without sacrificing performance or durability. You get compact maneuverability without sacrificing the features you'd expect of our larger horizontal grinders, like a user-friendly control system that automatically monitors and regulates all critical parameters—and features you wouldn't expect, like a standard on-board colorizer that lets you simultaneously grind and color landscape mulch.

And, most importantly, you get versatility without sacrificing finished product control, which means the MP-2 can deliver a wide range of high value products from low-grade materials: colored mulch from tree care waste, animal bedding from pallets, boiler fuel from sorted C & D, and much more.



Versatility matched with *"Perfect In One Pass"*® end product control.

MP-2 Grinder & Colorizer



The MP-2 Advantage

The Rotochopper MP-2 is the only wood grinder on the market compact enough to be towed with a 2-ton truck yet sophisticated enough to apply precise levels of water and colorant to wood fiber during the grinding process.

With the MP-2, we've cut the length, height, and width without cutting the advantages our customers trust—particle size control, versatility, and simplicity.

Like every Rotochopper wood grinder, the MP-2 is designed for *"Perfect In One Pass"*® convenience, allowing operators to switch raw materials and end product specifications quickly and easily.

The MP-2 can efficiently grind and color a broad range of wood fiber sources:

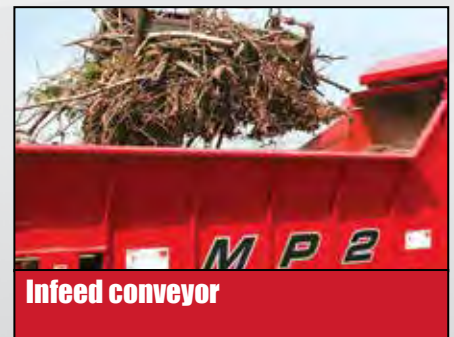
- Pallets
- Wood chips
- Sorted C & D
- Slabwood
- Round wood

The MP-2's portability and versatility also make it an excellent match for processing yard waste, food waste, and other raw materials for composting.



Colorizer

The on-board colorizer injects water and colorant directly into the grinding chamber, utilizing the force of the grinding process to achieve proper shading. The self-contained grind-and-color process minimizes colorant requirements and handling costs.



Infeed conveyor

The steel slat conveyor offers the versatility to process diverse materials, from pallets to wood chips. Much more rugged than a rubber belt conveyor, the steel slat conveyor delivers a steady stream of raw material to the grinding chamber with less spillage than drag chain or anvil type conveyors.



The
PROOF
is in the product



Powerfeed

A key to the efficiency of Rotochopper grinders is an aggressive powerfeed roller with hydraulic down pressure. The serrated teeth dig into solid materials for superior traction and rake down high piles of loose feedstocks like wood chips to maintain consistent feed rates.



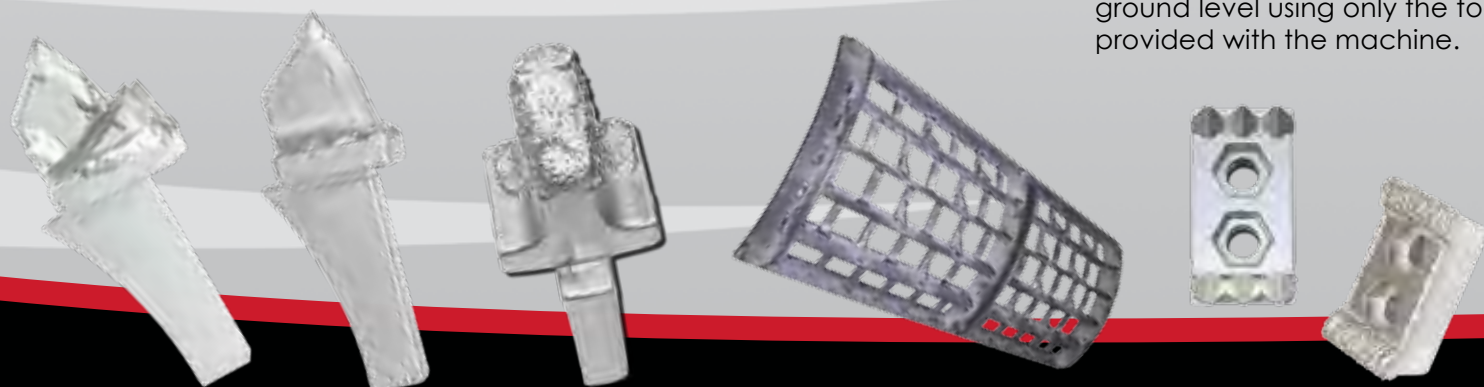
Grinding chamber

A unique infeed-to-grinding chamber transition system forces loose particles into the rotor for 1-pass grinding. The exclusive Rotochopper grinding chamber design maximizes grinding efficiency and simplifies maintenance.



Screen change system

This unique screen installation system lets operators quickly swap screens to match feedstocks and end product specifications. Integrated shear pin protection limits damage and downtime from severe rotor impacts with ungrindables. One person can change screens at ground level using only the tools provided with the machine.





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The MP-2 redefines "compact" with heavy duty construction and standard features that you won't find in other compact grinders (or even larger grinders).

No other compact grinder offers this kind of versatility and particle size control, and no compact grinder opens more opportunities for your raw materials.

Contact us to learn how the MP-2 can maximize the value of your low grade wood waste with "Perfect In One Pass"® grinding technology.



Specifications

Length 35' (10.7 m) • **Width** 8' 3" (2.5 m) • **Height** 12' (3.7 m) • **Weight** 26,500 - 32,000 lbs. (12,020 - 14,515 kg)

Power Supply

- Diesel engine 275 - 350 hp (205 - 261 kW)
- Fuel capacity 80 gal (303 L)
- Micro processor engaged clutch
- Optional reversible radiator fan

Feed System

- Infeed clearance 56" W x 18" H (142.24 cm x 45.72 cm)
- Heavy duty steel belt infeed conveyor 56" W x 12' L (142.24 cm x 3.7 m)
- Powerfeed roller 32" D x 56" W (81 cm x 142.24 cm)
- Hydraulic powerfeed down pressure
- Engine load regulated variable feed rates

Discharge Conveyor

- Continuous under-rotor and discharge conveyor 48" W (121.92 cm)
- Optional truck loading conveyor
- Optional magnetic cross-belt conveyor

Grinding Chamber

- Rotor 26" D x 56" W (66.04 cm x 142.24 cm)
- Rotor shaft 4.25" D (10.80 cm)
- Choice of tooth mount styles and placement patterns
- Shear pin protected screen installation system

Colorizer

- Grinding chamber direct injection water manifold
- Water pump and on-board water tank
- Color pump

Trailer (axles, hitch)

- 20,000 lb (9,072 kg) axle(s)
- Pintle hitch or optional 5th-wheel hitch
- Air brakes
- Retractable bumper



Specifications are subject to change without notice.

Rotochopper **MP-2**

A Compact Grind-&-Color Solution

The MP-2 transforms pallets, tree chips, sorted construction debris, and other wood fiber sources into vibrant color-enhanced mulch with an exclusive on-board grinding chamber color injection system.

- On-board colorizer with water tank, color and water pumps, and grinding chamber injection manifold
- Steel slat infeed conveyor
- Powerfeed roller with serrated cleats
- Gap-less infeed transition system
- Engine load regulated variable feed speeds
- Rotor with interchangeable teeth
- Cam lock screen installation system



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**Trust your resources to advanced
Rotochopper grinding technology.**

Diesel Horizontal Grinders • Electric Horizontal Grinders
Asphalt Shingle Grinders • Fine Grinding Systems • Wood
Chip Processors • Mobile Baggers • Slow-Speed Shredders

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