



Diesel-Powered Wood Grinding Systems



Perfect In One Pass™

Rotochopper Diesel-Power

MC 266 Mobile Wood Grinder



Length: 50' 3" **Width:** 102" **Height:** 13' 5"
Weight: approximately 42,500 lbs

The flag ship machine of the Rotochopper line, the MC 266 is America's premier mulch processor. Ideal for high volume grind and color applications as well as bark processing, pallet grinding, slab wood grinding or any industrial wood waste that will fit through an 18" high by 66" wide feed opening.

Designed from the bottom up to produce **"Perfect In One Pass"** finished product, the MC 266 has become the #1 choice of big volume mulch producers. Road legal with plenty of muscle from a thrifty 475 HP CAT engine, the MC 266 will grind, color and load a 100 yard truck in as little as 40 minutes - 15 minutes processing bark.



Typical Capacities:

Bark: 400 yards per hour
Pallets: 150 yards per hour (2" screen)
Sawmill Trimmings: 150 yards per hour (2" screen)

MC 266 FP Mobile Wood Grinder



Length: 50' 3" **Width:** 102" **Height:** 13' 5"
Weight: approximately 43,000 lbs

The MC 266 Forestry Package (FP) is the ideal machine for processing forestry slash and biomass. The redesigned super single axles and wheels provide for maximum ground clearance and easy transport (optional self propelled tracked undercarriage). A high performance power infeed with down pressure accumulator is designed to fold up big lateral branches with ease.

Long wearing triple carbide tipped teeth coupled with a fuel efficient CAT C-15 fills trucks fast with minimal fuel. With an on board air compressor, cold weather starting kit and added protective shielding the MC 266FP is dressed for battle and ready to process biomass fuel.



Typical Capacities:

Bark: 400 yards per hour (3" screen)
Forestry Slash: 200 yards per hour (3" screen)

MC 256 Mobile Wood Grinder



Length: 50' 3" **Width:** 102" **Height:** 13' 5"
Weight: approximately 36,000 lbs

A midsize grinder in terms of price but not weight or features. The MC 256 is ideal for pallets, bark, slabs, cutoffs, brush, small trees and compost. This is the perfect machine for larger sawmills, city governments and any business that needs versatile, mobile grinding ability at a reasonable price.

A full 56" wide infeed, powered with a 300 HP CAT and capable of processing 100 yards of pallets per hour through a 2" baffled screen. Weighing in at 36,000 lbs this is a grinder heavy enough for the nasty jobs and absolutely perfect for resizing and coloring. Available with or without coloring system.



Typical Capacities:

Bark: 250 yards per hour
Pallets: 100 yards per hour (2" screen)
Sawmill Trimmings: 100 yards per hour (2" screen)

ed Wood Grinding Systems

DS 266 Stationary Wood Grinder



Length: 31' 3" **Width:** 102" **Height:** 12' 5"
Weight: approximately 40,000 lbs

The DS 266 is the perfect machine for locations where electricity isn't available and mobility is not required. Powered by a 475 HP CAT diesel engine, the DS 266 makes quick work of trees and brush, pallets, bark, food waste, cutoffs, and more. No other diesel grinder on the market can offer this kind of power and capacity for the price.

With a generous 66" infeed opening and a loading height of less than 4 feet, the DS 266 is easy to load and can be fed with a skid steer loader.



Typical Capacities:

Bark: 400 yards per hour
Pallets: 150 yards per hour (2" screen)
Sawmill Trimmings: 150 yards per hour (2" screen)

DS 256 Stationary Wood Grinder



Length: 31' 3" **Width:** 102" **Height:** 11' 11"
Weight: approximately 36,000 lbs

The DS 256 stationary wood grinder is the most affordable diesel grinder on the market today. Capable of grinding whole pallets, slabs, brush, or whole trees, the DS 256 offers big grinding capacity at a moderate price.

Powered by a 350 HP CAT diesel engine, the 256 has a 56" feed opening and the same **"Perfect In One Pass"** design as the rest of the Rotochopper family. A collection conveyor runs beneath the full length of the machine to reduce spillage and keep your site clean and orderly.



Typical Capacities:

Bark: 250 yards per hour
Pallets: 100 yards per hour (2" screen)
Sawmill Trimmings: 100 yards per hour (2" screen)

SB 24 DS / M Stationary Wood Grinder



Length: 31' 10" **Width:** 7' / 8' 5" **Height:** 12' 5" / 8'
Weight: approximately 12,000 lbs / 18,000 lbs

There is no other machine on the market like it, the SB 24 slab grinder is available in both stationary (DS) or mobile (M) diesel configurations. It's designed to process slab wood, edgings and other sawmill waste in one quick pass through the machine. The SB 24 will make perfect playground cover, bedding or boiler fuel, all day, everyday.

The SB 24 has gained a reputation for its simple, rugged design, durability, high capacity, remarkable tooth life, and quick screen changes. If you're tired of losing money on chips or wasting time on firewood, put in a high-profit SB 24 that will make you money as fast as the slabs fall away from the saw.

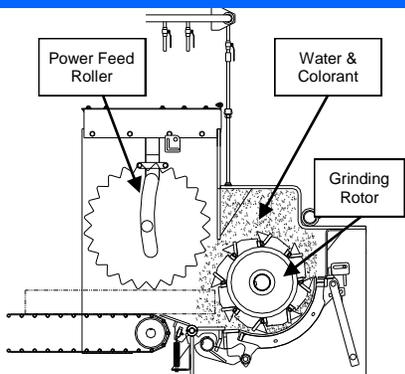


Typical Capacities:

Bark: 150 yards per hour
Sawmill Trimmings: 50 yards per hour (2" screen)

Four Great Ideas

Rotochopper has always been a leader in grinder innovation with numerous patents. Below are just 4 of many features that make Rotochoppers profitable and user friendly.

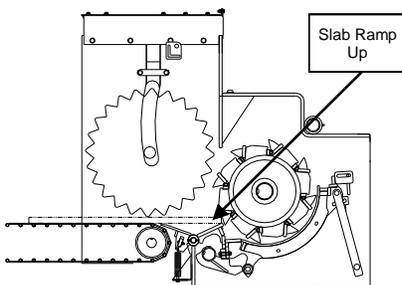
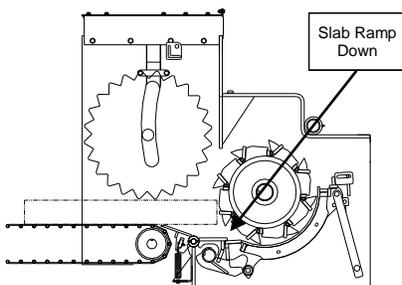


Power Application System (PAS)

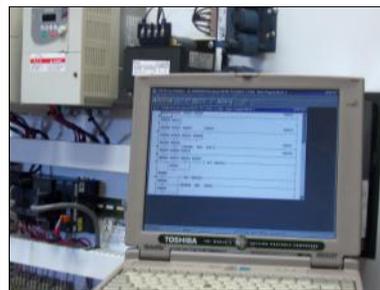
Rotochopper's patented grind-and-color PAS injects water, colorant and other additives directly into the grinding chamber while you grind. You get all the benefits of adding value to your wood without the need of a second process or machine. The PAS turns on and off automatically when material is being ground (so there is no waste) while delivering a uniform regulated flow of additives through ports in the top of the grinding chamber. On board water tank, pumps and integrated controls make it a totally mobile, self contained system. With the PAS you produce high value premium colored mulch, as you grind, **Perfect In One Pass™**.

Slab Ramp

The patented "slab ramp" is the solution to an old vexing grinder problem: How do you design a grinder with an aggressive feeding angle for material like pallets and regrind without getting too aggressive for things like palm fronds and hickory slab wood? The answer is a machine with an adjustable **angle of attack**. A five minute adjustment raises and lowers the strike plate that controls the approach of material to the rotor. The result is the correct angle for each material. A Rotochopper with the slab ramp "up" will grind tough stringy feed stocks that will often plug other grinders instantly.



StopWatch Monitor & Control™



Rotochopper brings brilliant software to heavy metal hardware with the StopWatch Monitor & Control System™. Owners and operators now have solid DIGITAL information on the condition of the teeth, rotor, and rotor bearings. An LED readout helps you decide when to do preventative maintenance. The StopWatch™ system will automatically STOP the in-feed mechanism the instant it detects an impact from tramp metal or other ungrindables. Meanwhile StopWatch™ has the capacity to produce a printout showing the history of production, power use and high impact incidents and periods of down time.

StopWatch™ represents the future for managing sophisticated equipment. One of the optional functions even permits you to monitor your Rotochopper from the comfort of your office or you can forward the information directly to the Rotochopper factory for trouble shooting assistance. StopWatch™, another first from Rotochopper.



Screen in place



Screen removed

Hydraulic Screen Change System

If you ask customers what Rotochopper feature impresses them the most they often say, "Changing screens, it's amazing!" That's because the fastest and easiest screen change in the business belongs to Rotochopper! One man, no tools, 10 minutes. (Compare this to some other machines that require front end loaders, crow bars, a lunch break and a three man crew.)



Made In The USA

Why Rotochopper?

There are a lot of good machines on the market that will chew, grind, hack, chip, smash or otherwise pulverize all varieties of wood. So why buy a Rotochopper?

The first and best reason is that Rotochopper has kept it's focus on building machines that produce quality products. **And quality finished products mean you find markets and make money processing your wood fiber.** It doesn't matter how big a log you grind or how fast you grind it if you lose money every time you turn on your machine.

Rotochopper builds the grinder that produces the best finished product and makes the most money and we can do it IN ONE PASS through any of our machines.

Slab wood, pallets, cut offs, edgings, bark, sorted C&D, paper mill waste and arborist chips all make beautiful products.

If you want to make animal bedding, playground cushion, colored mulch, or bark mulch, Rotochopper is the machine that takes you to the high profit end of the wood fiber market.

There are a lot of good grinders on the market, but the choice is simple If you want to make it . . .

Perfect In One Pass™



Product Specifications

MC 266 Mobile Wood Grinder	MC 266 - FP Mobile Wood Grinder	MC 256 Mobile Wood Grinder	DS 266 Stationary Wood Grinder	DS 256 Stationary Wood Grinder	SB 24 DS / M Stationary Wood Grinder
Length: 50' 3" Width: 102" Height: 13' 5" Weight: approx. 42,500 lbs.	Length: 50' 3" Width: 102" Height: 13' 5" Weight: approx. 43,000 lbs.	Length: 50' 3" Width: 102" Height: 12' 11" Weight: approx. 36,000 lbs.	Length: 31' 3" Width: 102" Height: 12' 5" Weight: approx. 40,000 lbs.	Length: 31' 3" Width: 102" Height: 11' 11" Weight: approx. 36,000 lbs.	Length: 31' 10" Width: 7' / 8' 5" Height: 12' 5" / 8" Weight: approx. 2K lbs / 16K lbs.
Power Supply - 475 HP CAT-C15 diesel - 200 gallon fuel capacity - Engagement: Auto Belt Drive (ABD) system - Optional reversing radiator fan	Power Supply - 475 HP CAT-C15 diesel - 200 gallon fuel capacity - Engagement: Auto Belt Drive (ABD) system - Optional reversing radiator fan	Power Supply - 350 HP CAT-C9 diesel - 200 gallon fuel capacity - Engagement: HTPO - 10 Drive (ABD) system - Optional reversing radiator fan	Power Supply - 475 HP CAT-C15 diesel - Engagement: Auto Belt Drive (ABD) system - Optional reversing radiator fan	Power Supply - 350 HP CAT-C9 diesel - Engagement: HTPO - 10 - Optional reversing radiator fan	Power Supply - 113 HP CAT-C6.6 diesel - Pre-filter air cleaner - Engagement: HTPO - 10 - Optional reversing radiator fan
Feed System - Feed opening: 66" W x 18" maximum Power Feed clearance (solid wood) - 66" W x 16" L heavy duty steel belt infeed conveyor - 32" dia x 66" W Power Feed roller - Auto power sensing - 24 V wireless remote	Feed System - Feed opening: 66" W x 18" maximum Power Feed clearance (solid wood) - 66" W x 16" L heavy duty steel belt infeed conveyor - 32" dia x 66" W Power Feed roller - Auto power sensing - 24 V wireless remote	Feed System - Feed opening: 56" W x 18" maximum Power Feed clearance (solid wood) - 56" W x 16" L heavy duty steel belt infeed conveyor - 32" dia x 56" W Power Feed roller - Auto power sensing with optional 24 V wireless remote	Feed System - Feed opening: 66" W x 18" maximum Power Feed clearance (solid wood) - 66" W x 16" L heavy duty steel belt infeed conveyor - 32" dia x 66" W Power Feed roller - Auto power sensing with optional 24 V wireless remote	Feed System - Feed opening: 56" W x 18" maximum Power Feed clearance (solid wood) - 56" W x 16" L heavy duty steel belt infeed conveyor - 32" dia x 56" W Power Feed roller - Auto power sensing with optional 24 V wireless remote	Feed System - Feed opening: 24" W x 10" maximum Power Feed clearance (solid wood) - 24" W x 8" L heavy duty steel belt infeed conveyor - 24" dia x 24" W Power Feed roller - Auto power sensing with optional 24 V wireless remote
Rotor - 26" dia x 66" W dynamically balanced 1,800 RPM - 4.25" dia shaft - 52 or 28 tooth holders	Rotor - 26" dia x 66" W dynamically balanced 1,800 RPM - 4.25" dia shaft - 52 or 28 tooth holders	Rotor - 26" dia x 56" W dynamically balanced 1,800 RPM - 4.25" dia shaft - 42 or 22 tooth holders	Rotor - 26" dia x 66" W dynamically balanced 1,800 RPM - 4.25" dia shaft - 52 or 28 tooth holders	Rotor - 26" dia x 56" W dynamically balanced 1,800 RPM - 4.25" dia shaft - 42 or 22 tooth holders	Rotor - 26" dia x 23" W replaceable tip grinding rotor - 4.25" dia shaft - 10 tooth holders
Hydraulics - 3 section gear pump, 43 GPM, 100 gallon reservoir - Flow controls for each component with system reliefs	Hydraulics - 3 section gear pump, 43 GPM, 100 gallon reservoir - Flow controls for each component with system reliefs	Hydraulics - 3 section gear pump, 43 GPM, 100 gallon reservoir - Flow controls for each component with system reliefs	Hydraulics - 3 section gear pump, 43 GPM, 100 gallon reservoir - Flow controls for each component with system reliefs	Hydraulics - 3 section gear pump, 43 GPM, 100 gallon reservoir - Flow controls for each component with system reliefs	Hydraulics - 2 section gear pump, 20 GPM, 100 gallon reservoir - Flow controls for each component with system reliefs
Conveyor Discharge - 48" W x 26' L folding discharge conveyor (19' dump height)	Conveyor Discharge - 48" W x 26' L folding discharge conveyor (19' dump height)	Conveyor Discharge - 48" W x 15' L Standard (10' dump height) - Optional 48" W x 26' L folding discharge conveyor (19' dump height)	Conveyor Discharge - 48" W x 15' L discharge conveyor - Optional 48" W x 26' L folding discharge conveyor (19' dump height)	Conveyor Discharge - 48" W x 15' L Standard (10' dump height) - Optional 48" W x 26' L folding discharge conveyor (19' dump height)	Conveyor Discharge - 24" W x 26' L under rotor conveyor with 5' dump height) - Optional 24" W x 47" L continuous under rotor truck loading conveyor
Metal Separator - Optional magnetic head pulley or cross belt magnet for removal of ferrous metals	Metal Separator - Optional magnetic head pulley or cross belt magnet for removal of ferrous metals	Metal Separator - Optional magnetic head pulley or cross belt magnet for removal of ferrous metals	Metal Separator - Optional magnetic head pulley or cross belt magnet for removal of ferrous metals	Metal Separator - Optional magnetic head pulley or cross belt magnet for removal of ferrous metals	Metal Separator - Optional magnetic head pulley or cross belt magnet for removal of ferrous metals
Trailer (Axles, Hitches) - 2 20,000 lbs axles; 8 wheels - Pintle hitch or optional fifth wheel hitch	Trailer (Axles, Hitches) - 2 20,000 lbs axles; 8 wheels - Pintle hitch or optional fifth wheel hitch	Trailer (Axles, Hitches) - 2 20,000 lbs axles; 8 wheels - Pintle hitch or optional fifth wheel hitch			

Rotochopper Screens

Part of the famous "Perfect In One Pass" Rotochopper finished product quality is due to our unique screen design. Along with precisely engineered baffles, the shape, location, and relationship of the screen to the rotor are all designed to produce near perfect uniformity in finished product. All Rotochopper models employ a simple one piece screen design. Made from 1/2" t-1 steel and hard surfaced with carbide flake weld, our screens will last indefinitely if you avoid heavy tramp metal and routinely apply abrasion resistant weld as needed. Screens are available in 22 sizes from 1/2" to 8" square or round hole. If you need it, we've got it.



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Rotochopper Teeth

The Rotochopper "Pocket Loc" tooth mounting system is as simple and solid as physics will allow. One 3/4" bolt holds the tooth in from the back. Easy in, easy out with one bolt per tooth. All impact stress is absorbed by the tooth holder and transferred into the drum. With Rotochopper you will eventually wear out teeth but you don't lose them!



Tooth options:

- The Roto902 is the standard for high abrasion applications where rock and tramp steel are anticipated. T-1 steel with carbide impregnated hardsurface weld. These teeth can be refaced repeatedly. A few of our customers have run the same set of teeth for YEARS.
- Carbide-tipped Sharkteeth. Solid carbide tips with a sharp point work best in slabs. Unbelievable wear but no tolerance for rock or steel.
- Indexable replaceable tips for bark grinding. Simple and inexpensive for extreme high abrasion such as bark and leaves.

- Teeth must be properly installed and torqued to 340 flb.