



Electric-Powered Wood Grinding Systems



Perfect In One Pass™

Rotochopper Electric-Powered Wood Grinding Systems

EC 266 Stationary Wood Grinder



Length: 30' 5" **Width:** 102" **Height:** 9'
Weight: approximately 28,000 lbs

The original EC 166 was designed in 1994 to fit the needs of large pallet repair facilities, sawmills, and industries that produce large flows of waste material. The basic design has proven itself to be rock solid, while continuous refinement has made the EC 266 the most dependable and productive machine on the market.

Capable of inhaling massive quantities and producing a consistent uniform finished product, today's EC 266 grinders are in use processing everything from food waste and tree bark to roll up garage doors and plastic pipe. An extremely reliable machine designed to handle 400 horsepower and run 24/7, it's capable of handling the biggest and most demanding size reduction jobs.

The EC 266 is not just a big grinder. It's a sophisticated processor that can grind and color in one pass with Rotochopper's patented liquid colorant system. Or, turn off the colorant and make perfect animal bedding or playground cover in one quick pass.



Typical Capacities:

Bark: 400 yards per hour
Pallets: 150 + yards per hour (2" screen)
Sawmill Waste: 200 yards per hour (2" screen)

EC 256 Stationary Wood Grinder



Length: 30' 9" **Width:** 92" **Height:** 8' 6"
Weight: approximately 24,000 lbs

The EC 256 offers the same reliability and flexibility as the EC 266 in a slightly smaller package.

Put this machine in line at the end of your conveyor belt, and it will process slabs, bark, junk pallets, sorted C&D, cabinet rejects, cant ends, cut-offs, edgings, and pole peelings all day, every day without stopping or plugging.

The heavy duty steel infeed belt and big 32", 1500 lb feed wheel are PLC regulated to prevent stopping, plugging, and down time. A shear pin protected screen and hard faced T-1 steel teeth mean the EC 256 can perform well in rough duty applications.

The EC 256 is the ideal machine for the operator who demands reliability and high performance in a mid size grinder. The slight difference in size between the EC 266 and EC 256 allows you to suit the machine to your operation for optimal horsepower efficiency and a low cost of total ownership.



Typical Capacities:

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

SB 24 E Stationary Wood Grinder



Length: 18' 7" **Width:** 57" **Height:** 7' 8"
Weight: approximately 12,000 lbs

The Rotochopper SB 24E has no equal as a sawmill wood waste processor. Designed specifically to operate in-line, the SB 24 will make slabs, cant ends, blocks, bark, and edgings into perfect uniformly sized mulch in one quick pass through the machine—and do it without stopping or jamming.

Simplicity of design, high capacity, reliability, remarkable tooth life, quick screen changes and *Perfect In One Pass™* quality have made the SB 24E the #1 slab grinder in the country. The feed angle is specifically designed to prevent plugging with pliable materials like slabs. Grind any length slab, with or without bark, clean or dirty.

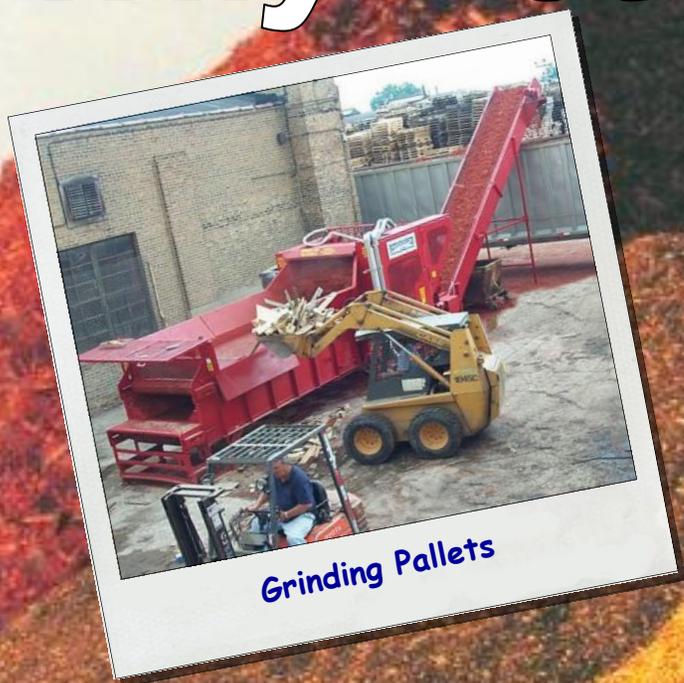
The SB 24E also performs well reprocessing chips and can be equipped to grind and color in one pass. Our customers have also applied the SB 24E to a wide variety of materials outside the wood industry from corn cobs to beer cans. If your company needs a rugged compact size reduction machine, the SB 24 is the perfect choice.



Typical Capacities:

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

Why Rotochopper?



Because Rotochopper is aware of the fact that you don't just want to grind wood, you want to make money. Because Rotochoppers were invented and perfected in the last 15 years specifically to make high value consumer products from low value wood fiber.



And because along the way Rotochopper has helped numerous customers develop ideas, systems and markets to expand their businesses and improve their lives. 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™



The Rotochopper Difference

The difference is in the details, the often overlooked issues that can be the deciding factors between consistent production and downtime, success and lost profits. We focus on these details so our customers don't have to.

Often, it's something simple: like our patented Slab Ramp, a component that performs effortlessly, with no moving parts to break down. Or teeth and screens that are fast and easy to install.

Sometimes, it's complex: like an electronic control system that provides advanced diagnostics. Or the StopWatch™ system, which allows you to view a detailed history of machine performance.

This blending of simplicity and sophistication means the difference between a machine that simply *gets the job done* and one that reliably delivers a **Perfect In One Pass™** product. It's the difference that makes a difference...

...in your operating satisfaction, your finished product, your bottom line.

Product Specifications

EC 266

Stationary Wood Grinder

- Length: 30' 9"
- Width: 102"
- Height: 9'
- Weight: approx. 28,000 lbs.

Power Supply

- 3 Phase Electric Motor
- 150 - 400 HP
- PLC Operated

Rotor

- 26" diameter x 65" W replaceable tip grinding rotor
- 4.25" diameter shaft

Feed System

- Feed opening: 66" W x 18" H maximum Power Feed clearance (solid wood)
- 66" W x 16' L heavy duty steel belt infeed conveyor
- 32" diameter x 66" W Power Feed roller

EC 256

Stationary Wood Grinder

- Length: 30' 9"
- Width: 92"
- Height: 8' 6"
- Weight: approx. 24,000 lbs.

Power Supply

- 3 Phase Electric Motor
- 150 - 350 HP
- PLC Operated

Rotor

- 26" diameter x 55" W replaceable tip grinding rotor
- 4.25" diameter shaft

Feed System

- Feed opening: 56" W x 18" H maximum Power Feed clearance (solid wood)
- 56" W x 16' L heavy duty steel belt infeed conveyor
- 32" diameter x 56" W Power Feed roller

SB 24E

Stationary Wood Grinder

- Length: 18' 7"
- Width: 57"
- Height: 7' 8"
- Weight: approx. 12,000 lbs.

Power Supply

- 3 Phase Electric Motor
- 75 - 250 HP
- PLC Operated

Rotor

- 26" diameter x 23" W replaceable tip grinding rotor
- 4.25" diameter shaft

Feed System

- Feed opening: 24" W x 10" H maximum Power Feed clearance (solid wood)
- 24" W x 8' L heavy duty steel belt infeed conveyor
- 24" diameter x 24" W Power Feed roller

Options

- Power Application System (PAS) for applying colorants, pesticides, compost starters, mold inhibitors, and other treatments *as you grind*
- Magnetic head pulleys and cross-belt conveyors for metal separation
- A variety of discharge conveyor configurations
- StopWatch system for advanced equipment parameter diagnostics
- Lift kits
- 24 volt remote control
- Dust hood for clean indoor operation (water spray dust control is standard)

Rotochopper Horizontal Electric Grinders

Rotochopper electric grinders combine the clean, efficient, low maintenance operation of electric power with the flexibility and performance usually associated with more expensive diesel models. With three different models to choose from and power options ranging from 75 to 400 horsepower, we have a grinder to suit your operation.

Like all Rotochopper equipment, the EC 266, EC 256, and SB 24E are designed with a commitment to **Perfect In One Pass™** quality that gives our customers the advantages they need to be successful. Impressive standard features and a wide range of options allow you to design your own system customized to your budget, work environment, and applications—with a reliable Rotochopper electric grinder at its center.

Rotochopper Rotors & Teeth

Rotochopper offers two interchangeable rotors: Pocket Loc and Indexable. With multiple tooth placement patterns available, we have a rotor and tooth configuration to meet your applications.

The Pocket Loc rotor has served Rotochopper customers for years with a versatile and simple yet solid design. Each tooth slides into a mount and is secured with a single 3/4" bolt. Operators can quickly change teeth to match different applications.



The Indexable Tooth rotor is ideal for regrind and primary grind of loose materials. The rotor drum, tooth holders, and teeth are designed for feedstocks with high levels of abrasives and tramp. Each tooth has two useable faces. A complete set can be reversed or replaced in less than an hour.



Rotochopper StopWatch

Our **StopWatch Grinder Protection System™** represents the future for owning and managing large sophisticated equipment. StopWatch offers solid DIGITAL information on the condition of the teeth, rotor, and rotor bearings. An LED readout helps you decide when to do preventative maintenance. This system helps protect the rotor, teeth, and bearings by stopping the infeed when it detects excessive vibration or a sharp rotor impact. The **StopWatch™** system records and timestamps a history of power use, high impact incidents, and periods of down time.



When used with proper operator care and preventive maintenance, the StopWatch can help reduce downtime. One of the optional functions of the **StopWatch™** system even permits you to WATCH your Rotochopper run on your computer screen from the comfort of your office or forward the "live" information directly to the Rotochopper factory thousands of miles away for trouble shooting assistance from the people who built the machine.

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 objects and routinely apply abrasion resistant weld. Screens are available with square or round holes in 22 sizes from 1/2" to 8" for precise product control.

The screens in each of our grinders can be changed in minutes by one person, with no need for loading equipment: fast, simple, and convenient.



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