



# REPURPOSING WASTE INTO PROFITS



**CUSTOMER:**

Rotochopper, Inc.

**PRODUCT:**

MC-266 Horizontal Grinder

**LOCATION:**

St. Martin, Minnesota

**SCOPE OF ENGINE USE:**

Cat® C13B U.S. EPA Tier 4 Final Industrial Diesel Engine

**CAT DEALER:**

Ziegler Cat

[www.zieglercat.com](http://www.zieglercat.com)



**FEATURED TOPIC:**

Cat® C13B

Since the 1990s, Rotochopper has been in the business of repurposing materials that most consider waste into useful products for many. It all started when the company created a revolutionary process to recycle old newspaper by chopping it up and converting it to bales used for animal bedding. Over 30 years later, Rotochopper grinders are used to transform wood pallets, construction and demolition refuse, storm debris and other similar materials into useable mulch, compost and biofuel. The company's diesel and electric grinders now serve landscaping, waste management, construction and demolition, tree care and agricultural industries around the world.

Today, Rotochopper still features a full lineup able to solve more than just waste problems. With a global increase in fuel prices amid continuing labor shortages, finding the right sized machine that is easy for operators to use while keeping up with productivity demands is a common challenge for industry professionals to overcome. Enter the Cat® powered Rotochopper MC-266 horizontal grinder, the company's highly portable and fully featured mid-size solution driven by a Cat C13B engine.

## PERFECT IN ONE PASS

The MC-266 features a 66" by 18" infeed clearance and a dynamic powerfeed roller with serrated teeth to pulverize a range of raw materials. No secondary screeners are needed to produce the desired-sized and textured output, the MC-266 delivers precisely defined results in a single pass for optimal time and cost savings. Rotochopper's patented Generation II Colorizer System also directly treats particles in the grinding chamber with colorant, ensuring the intended color is properly dispersed and uniform in the end product.

Between harsh environments and materials challenges, grinders like the MC-266 must be able to hold their own. Fortunately, Rotochopper packs in several technological advances to back up the grinder's durability, like StopWatch. This system detects ungrindable objects and stops them before they can cause damage. The MC-266 can also be equipped with RotoLink®, Rotochopper's monitoring system that provides diagnostics and connects

operators with real-time customer service.

“More and more of our customers are opting to add RotoLink to their machine. Owners and operators can dial in and see critical parameters and turn to us if adjustments need to be made. When you’re lacking a highly skilled operator, telematics help bridge that gap and protect the investment,” said Jamey Brick, chief operating officer for Rotochopper.

## GRINDING IT OUT WITH CATERPILLAR

Rotochopper has relied on Cat® power for its grinders since the mid 1990s. Having previously used Cat C15 engines in the MC-266 machines, the company worked closely with Ziegler Cat to find a new engine solution in order to meet the latest emissions standards. The two settled on the U.S. EPA Tier 4 Final Cat C13B industrial engine after alternative options missed Rotochopper’s durability mark.

“We tested out the Cat C13B engine and found what we were looking for. It delivers the power density, performance and reliability that is needed for this type of machine,” Brick shared.

Ramping the MC-266 up to 536 horsepower, the Cat C13B supplies critical power and torque, all in a small and light engine package. With help from Ziegler, these engines also include reversible radiator fans to help the grinder combat dust and other debris that could otherwise lead to blockages.

## ALL CHOPPING, NO STOPPING

With the average grinder running 1,200 hours a year, Ziegler Cat’s dealer support and Extended Service Coverage (ESC) for the Cat C13B has been critical for Rotochopper and their customers. According to Brick, most customers have taken full advantage of an ESC for and are grateful for the peace of mind.

When the time does come for routine and preventative engine service, Rotochopper has full confidence in Caterpillar to deliver. “Ziegler knows our installations just as well as our own engineers. Our teams talk back and forth on a weekly basis, so it’s a very symbiotic relationship,” Brick said.



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**LET'S DO THE WORK.™**

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