

NO WASTED OPPORTUNITIES



REGION:

St. Martin, Minnesota

SCOPE OF ENGINE USE:

Cat® C27 U.S. EPA Tier 4 Final & Tier 2 Industrial Engines

CAT® DEALER:

Ziegler

WEBSITE:

rotochopper.com



FEATURED TOPICS:

Industrial Engines



Dealer Support

GIVING UNWANTED MATERIALS NEW LIFE

Where others see waste, Rotochopper sees opportunity. In the late 1980s, the company developed a process for converting unwanted newspapers into animal bedding and built its first Rotochopper for the job — a 30-horsepower electric paper-chopping machine — soon after. Additional uses quickly became apparent, and Rotochopper's machines grew and evolved to take on jobs like recycling wood pallets, turning wood waste into colored mulch and converting ag residue into biofuels. Today, the company offers a full line of diesel and electric horizontal grinders ranging from 250 to 1,050 horsepower.

Rotochopper's largest grinder, the B-66, was developed to transform everything from whole trees to railroad ties to roofing shingles into engineered fiber products. But when demand for grinders increased in hurricane clean-up and pipeline land-clearing applications, the company was convinced it could redesign the machine to tackle these even bigger jobs faster and more efficiently.

The result? The B-66L, powered by a Cat® C27 industrial engine. Featuring a lower and longer infeed hopper, a more aggressive powerfeed and increased input capabilities, the B-66L can grind large, abrasive feedstock materials to a precisely defined size in just one pass. That sets it apart from competitive grinders, which typically require the use of a secondary piece of equipment — like a screener — to produce the right-sized output. Getting the job done with just one machine saves Rotochopper's customers time and money.

GRINDING AT FULL SPEED

For the land-clearing operations, storm clean-up teams, waste removal companies and mulch producers that rely on the B-66L, maintaining high levels of production is the top priority. That made the 1,050-horsepower Cat C27 engine the perfect power solution for the grinder. "It's all about getting the material through the machine, and the faster the work gets done, the better," says Jamey Brick, chief operating officer for Rotochopper. "The C27 ticks all the boxes our customers require in that horsepower range."

POWER PROFILE: ROTOCHOPPER B-66L GRINDER

A tough environment calls for a tough design. Because the B-66L works in harsh conditions, filled with dust and damaging materials, Rotochopper built in extra durability — like the StopWatch system that detects un-grindable material and reverses the conveyor before it causes harm. The company wanted an engine that was equally robust. The C27 came with a reputation for reliable, durable performance, and Rotochopper worked with Cat dealer Ziegler to integrate a reversing fan that keeps the radiator clean, minimizing plugging in a dirty environment. “That’s helped keep reliability up,” Brick says.

In-the-field know-how keeps grinders grinding. Just as important as performance on the job is support after the sale. In North America, where most of its products are sold, Rotochopper offers factory-direct service — employing technicians who work exclusively on its grinders. Thanks to the Cat dealer network, the company offers that same level of expertise on the B-66L’s engine.

Two organizations share one commitment to customers. Rotochopper also appreciates the support it gets from Ziegler, which not only helped configure the C27 for the B-66L but also continues to stand behind the engine no matter where it’s out doing hard work. “We place a sticker on every C27 that encourages the local Cat dealer to contact us if they have questions,” says Steve Campen, senior sales engineer at Ziegler. “We share similar DNA with Rotochopper when it comes to customer service. Our job isn’t done until the customer is happy.”



“With some brands, you may get a technician who’s been working on marine engines and doesn’t know what he’s looking at when he climbs up on a grinder, Cat technicians don’t have that learning curve, because they’re experts on heavy equipment.”



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