

POWER PROFILE: **KOMPTECH CRAMBO**

GREEN MACHINES, GREENER WORLD



REGION:

Frohnleiten, Austria

SCOPE OF ENGINE USE:

Cat® C9, C9.3B, C13 and C18 U.S. EPA Tier 3 Equivalent and Tier 4 Final/EU Stage V Industrial Engines

CAT® DEALER:

Zeppelin Austria

WEBSITE:

komptech.com

FEATURED TOPICS:



Industrial Engines



Dealer Support

OUT OF THE LANDFILL, INTO THE MARKET

“Green innovation” is Komptech’s focus: Building machines that help keep our planet livable for future generations. The company got its start in 1992 when the Austrian region of Styria became one of the first in Europe to introduce separate collection of biodegradable, or “green,” waste — items like grass clippings, leaves, branches and kitchen waste. That required new processes and equipment, and Komptech took advantage of the opportunity by introducing its first product, a compost turner.

As demand for keeping green waste out of landfills grew, so did Komptech’s product line. The company now manufactures more than 30 different types of machines primarily used for shredding, separating and treating wood waste, so it can be transformed into usable materials. The Crambo, a dual-shaft shredder, is popular with operations that compost, ferment, mulch or convert wood waste into biomass for use as a renewable fuel — yet another way Komptech’s products contribute to a more sustainable world.

Available in both hydraulic drive and mechanical drive variations, Crambo machines feature a large shredding compartment, two long, counter-rotating shredding drums and a unique tooth shape that combine to process even the bulkiest materials easily. Cat® industrial engines provide the power required for maximum throughput, helping operators process more green waste more quickly. And low-speed, high-torque operation helps resist metal contamination — reducing wear and operating costs.

The mechanical drive version, known as the Crambo Direct, includes two additional gear boxes that drive higher throughput and lower fuel consumption. Crambo Direct models run at up to 95% efficiency (compared to 60-65% for hydraulic drive) and are ideal for operations that use the machine 1,000 or more hours a year.

POWER FOR A MORE SUSTAINABLE PLANET

Since 2005, Komptech has relied on Cat engines for all its shredders. The company is proud of its status as a premium brand and refuses to settle for anything less in the engines that power the Crambo.

“The Cat and Zeppelin brands stand for dependability and quality,” says Christoph Feyerer, Komptech’s head of product management and marketing. “The worldwide reputation of Cat engines boosts the resale value of Komptech machines for our users.”

The right choices. It wasn’t just reputation that led to the selection of Cat engines, however. It was also the range of power options available. The entry-level Crambo 3400 and 4200 Direct are powered by the C9 and C9.3B, the mid-sized Crambo 5000 and 5200 Direct by the C13 and the high-powered Crambo 6000 and 6200 Direct by the C18. Each model delivers the same drum torque to shred tough materials. But as engines get larger, drum speeds rise to increase throughput. “If you’re just starting out and limited in capacity, you can choose a smaller model, then advance the power stage as you need to process more materials,” Feyerer says.

The right coverage. The Crambo operates in more than 70 countries, so Komptech offers both EU Stage V / U.S. EPA Tier 4 Final and Tier 3 equivalent engines for every model. Such a global presence also requires a strong support network, and that’s where Komptech sees the biggest advantage in working with Caterpillar and Zeppelin Austria. “Our customers require maximum uptime, so the full-coverage service and quick reaction times of the Cat dealer network are indispensable,” Feyerer says. “The Komptech/Caterpillar / Zeppelin partnership can’t be matched.”

The right team. Komptech has worked in close partnership with Zeppelin Austria for more than 20 years and decided to use Cat engines in its shredders exclusively in large part because of the dealer’s outstanding support. In addition, Cat dealers CGT, Pon and Teknoxgroup serve as distributors of the Crambo throughout Europe. “It’s important to us to have long-term relationships, so we can offer our customers the right product and the best support,” Feyerer says.



“ THE CAT[®] BRAND STANDS FOR DEPENDABILITY AND QUALITY. THE WORLDWIDE REPUTATION OF CAT ENGINES BOOSTS THE RESALE VALUE OF KOMPTECH MACHINES FOR OUR USERS.”

LET’S DO THE WORK.™