



Hägglands Motors: Bosch Rexroth provides new opportunities for Camec to meet ever-developing customer needs. (© Camec)

CASE STUDY

Hägglands motors bring compact versatility to Camec recycling solutions

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Challenge:

Help Camec provide versatile recycling solutions for the ever-developing needs of its customers.

Solution:

Häggglunds motors from Bosch Rexroth offered Camec a competitive solution for its machinery.

Results:

- **Custom-designed 2-in-1 shredder solution with new levels of flexibility.**
- **Compact Häggglunds CA 140 and 210 motors work together for maximum power.**
- **The torque capabilities and stepless speed adjustment of Häggglunds motors open up a wide range of technical possibilities.**

Overview

Italian machine manufacturer Camec is one of today's go-to partners for custom solutions in waste recycling. As the company celebrates its 25th anniversary, Häggglunds motors from Bosch Rexroth are providing new opportunities for Camec to meet ever-developing customer needs.

A Passion for True Innovation

Situated in Cittadella, a northern Italian city just a short distance from Venice, Camec entered the market in 1993 as a supplier to other equipment producers. Very quickly, however, Camec began developing its own solutions for recycling industrial and municipal waste. Though the company has since expanded with three other machinery divisions – handling, bakery and industrial – its focus on recycling equipment remains strong to this day.

Camec's capabilities include precision machining and high-quality assembly, over which it maintains direct control. But the company's real strength lies in its approach. "Camec deals exclusively with customized equipment and turnkey plants, responding to all the customer's needs," says Sales & Marketing Manager Barbara Lombardo. "We act as a strategic partner, making full use of our creativity to produce technical innovation."

"Our aim is to sell not a recycling machine," Lombardo emphasizes, "but a solution that will make the customer satisfied." That passion for meeting customer challenges is one shared with Bosch Rexroth, whose Häggglunds hydraulic motors bring new possibilities to Camec solutions.



Positive Word of Mouth

“Camec can address the most different problems and requests in almost any sector of waste recycling,” says Lombardo. “We see the recycling industry expanding more and more, not only within Italy but throughout the European community and beyond.”

To stay ahead of this developing market, Camec is constantly in search of alternatives that can lead to more competitive solutions. One such alternative, Hägglunds hydraulic motors, came to Camec through word of mouth in late 2017.

“We were intrigued to hear of compact motors that could offer the same performance as previous solutions without the need for a gearbox,” Lombardo explains. Excited by the possibilities, Camec asked Bosch Rexroth to rush-deliver a motor in time for the Ecomondo green technologies expo. Says Lombardo, “We wanted to show the first-rate nature of our suppliers. When visitors saw the Hägglunds motor at EccoMondo, they were especially impressed.”

A unique 2-in-1 shredder solution

Camec has since put Hägglunds motors into practical use, beginning with a custom-designed 2-in-1 shredder solution. Developed to recycle paper coils and other bulky waste, the shredder is equipped with two Hägglunds CA 140 motors on one side and two Hägglunds CA 210 motors on the other. These motors can work together for maximum power, but the option of freewheeling one of the motors in each set creates new flexibility.

“When needed, the shredder can freewheel motors to provide more revolutions at a lower level of power,” explains Lombardo. “After considering the alternatives, our technical department decided to use the Hägglunds hydraulic motors because they required so much less space – and because they eliminate the problem of gearbox breakdowns.”

Camec uses Hägglunds motors for a custom-designed 2-in-1 shredder solution. Developed to recycle paper coils and other bulky waste, the shredder is equipped with two Hägglunds CA 140 motors on one side and two Hägglunds CA 210 motors on the other. (© Camec)

The feedback from the customer, says Lombardo, has been very positive. “Our customer has expressed appreciation for solution and has had good things to say about the Hägglunds motors,” she says.

Ready to achieve even more

Moving forward, Lombardo sees a clear place for Hägglunds motors in other Camec recycling solutions. Thanks not only to their compactness, but also to their torque capabilities and stepless speed adjustment, the motors provide Camec with a wide range of technical possibilities. “Hägglunds motors can make our own equipment even more versatile,” she says Lombardo, “which is an important aspect of meeting our customers’ changing needs.”

In addition, Lombardo sees great potential in the relationship with Bosch Rexroth, saying, “We look for real partnership based on high-level cooperation. Bosch Rexroth has shown the capacity both for fast delivery and for providing us with excellent knowledge, training and aftersales assistance.”

“Bosch Rexroth is clearly passionate about Hägglunds products, just as we’re passionate about our own,” Lombardo concludes. “Camec, Bosch Rexroth and Hägglunds are three strong brands that can be very fruitful in cooperation.”

– **Niklas Eriksson, Sector Manager, Recycling
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