

PRESS RELEASE



Focus on sustainability with Bonfiglioli @Ecomondo 2023

Bologna – XXX September 2023 - Bonfiglioli is attending again this year edition of **Ecomondo**, the reference international event in Europe for technologies, services and industrial solutions in the green and circular economy sectors. Taking place from 7th to 10th November in Rimini, Italy, it represents an opportunity for Bonfiglioli to showcase its **complete range of innovative products** for **biogas** energy, as well as for **recycling** processing and machinery.

Bonfiglioli's expertise for the Biogas sector

As proud member of the **CIB** - Consorzio Italiano Biogas - Bonfiglioli's demonstrates its commitment to sustainability and the protection of natural resources through the development of products for the biogas sector. Specifically, a **gearmotor** from the **HDP Series** designed for biomixers and agitators is on display at the exhibition. **ATEX certified** and with a **high shock load resistance**, it is a reliable solution for harsh working conditions. It provides a strong, slow and continuous mixing action with **minimal maintenance requirements**.

A greener future with Bonfiglioli's Recycling solutions

Bonfiglioli in order to ensure high quality operations and the best result in the recycling process conceives, designs and produces specific solutions for collection, downsizing and sorting of waste materials. These solutions are developed with the highest levels of customization and designed according to the customer's needs.

As regards **heavy-duty primary shredding**, Bonfiglioli presents its **R3 Series**. These **planetary gearboxes** are available with a peak torque range from 80,000 up to 129,000 Nm and gear ratios from 92 to 115. Equipped with **sensors** that measure performance and cycle time, the Series offers **condition monitoring** and **predictive maintenance** services, through **IoT** platform. Bonfiglioli's R&D department provides its decades of experience to evaluate and design customized interfaces, as well as input and output shaft, tailored to meet the specific needs of customers. The R3 Series has been chosen by **Arjes**, a German worldwide leading supplier of shredders and **KOMPLET**, an Italian global leader for the construction of treatment systems and waste recycling equipment, in a collaborative co-engineering effort with Bonfiglioli.

For **light-duty applications** such as **reverse vending machines** (shredding or compactor) and **stand alone shredders**, Bonfiglioli offers high reliability and long operating life. For the former, the Group has designed a complete package solution that features the **EVOX CP coaxial gearbox** with a smooth surface that can be fitted to any machine thanks to its compatibility with market standards, the **MXN asynchronous low-voltage e-motor (IE3)** developed to be modular, reliable, energy efficient internationally certified, and the **AxiaVert smart inverter**, featuring integrated functional safety and high application versatility, also for IoT. Another product bundle includes the IE3 efficient **W Series**

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universal worm geared motor and an extremely compact asynchronous motor from the **M Series**, which is CUS and CCC certified.

Regarding **stand alone shredders**, Bonfiglioli showcases a **planetary gearbox** of the **300 Series**, characterized by a compact design and high shock load resistance, coupled with a **BE Series asynchronous motor** and an **ACU inverter**, offering both compactness and flexibility.

Bonfiglioli is proud to prove once again its **360° commitment to a greener and more sustainable future**. This dedication extends across every aspect of its operations, including the development of cutting-edge products and processes, also serving areas of the **green economy**, matching Ecomondo's purposes. The Group's goal is to transform waste into valuable resources, utilizing IoT to optimize efficiency and actively working to reduce environmental impact.

Bonfiglioli Group

Bonfiglioli designs, manufactures and distributes a wide range of gearmotors, electric motors, planetary gearboxes and inverters, capable of satisfying the most complex needs in the industrial automation, mobile machinery and renewable energy sectors. The Group offers complete solutions that serve more industries and applications than any other gearbox manufacturer and is the market leader in many areas; the three Business Units, Discrete Manufacturing & Process Industries, Motion & Robotics and Mobility & Wind Industries, express all the experience and skills acquired over the years in their respective fields of expertise. Founded in 1956, Bonfiglioli operates in 80 countries with 26 commercial sites, 20 production sites, an extensive distribution network that includes over 550 partners, and can count on over 4,800 professionals worldwide. Excellence, innovation and sustainability are the drivers that guide Bonfiglioli's growth as a company and as a team and represent the guarantee of the quality of the products and services offered to its customers.

Further information is available on the website www.bonfiglioli.com.

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