

CHIMICA ORGANICA INDUSTRIALE MILANESE

C.O.I.M. S.p.A.

www.coimgroup.com

Sede legale e amministrativa: 20090 Buccinasco (MI) - Italia Via delle Azalee, 19 Numero R.E.A. MI-706575 - N. Mecc. MI 027496 Trib. Milano Reg. N. 128783 - Capitale Sociale € 5.572.800

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UNI ISO 45001:2018 JNI EN ISO 14001:2015 UNI EN ISO 9001:2015



PRESS RELEASE

COIM, a pioneer in the chemistry 4.0. industry. Inaugurated a new automated and self-supporting warehouse

Milan, 13 September 2021 – **C.O.I.M. S.p.A.**, an Italian multinational company producing speciality chemicals since 1962 and operating worldwide with eighteen manufacturing and trading companies, has inaugurated a new **automated and self-supporting warehouse** in Offanengo (Cremona).

An investment worth \in 10 million to create a dislocated warehouse, rationalise the internal traffic, and ensure the utmost safety.

After analysing all the options, including floor stacking, semi-automated, and automatic warehouse with stacker cranes, C.O.I.M. has opted for the latter, a bold choice for the chemical industry.

The new warehouse is intended for stocking chemicals, raw materials and finished products ready for delivery. It's fully automated by means of a tailor-made Warehouse Management System (W.M.S.), which traces the turnover of the managed products, optimising their distribution in the stocking area. The W.M.S. also ensures product traceability, whose progress is checked by a loading unit barcoding system.

Regulatory and technological challenges and the uniqueness of C.O.I.M.'s new warehouse

"Flexibility was a major prerogative when we had to choose among the various solutions, considering the multiple types of packaging C.O.I.M. uses and the need for a facility that could contain a high number of goods. Before choosing the fully automated warehouse, we analysed all the dimensions to ensure high productivity and performance and handle the significant inbound and outbound flows of our production plant", explained **Paolo D'Adda**, **Supply Chain Manager of Coim S.p.A.**

Because this warehouse is inside a chemical plant, it required specific solutions, such as a double fire-fighting system.



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To meet all these requirements and comply with safety and fire-fighting regulations, C.O.I.M. had to draw on various resources, involving the supply chain, the H.S.E., the Engineering, I.C.T., Security, and Production departments. Moreover, C.O.I.M. had to rely on external designers and leading Italian companies in the automated warehouse industry to complete the project in 2018 and ended in 2021.

"This project involved over forty direct suppliers and over one hundred suppliers if we consider even sub-supplies", said **Massimo Tonani**, **Site Manager of C.O.I.M.'s plant in Offanengo**. "We involved Italy's best companies and experts as well as C.O.I.M.'s strategic functions."

Warehouse performance and reduced landscape and environmental impact

"Environmental impact was a major issue when we evaluated the various technologies needed for this project. If we opted for a traditional warehouse, we would have had to build on a much larger area to obtain the same result", concluded **Massimo Tonani**.

The new warehouse rests on a **3,000 sq.m** area and develops vertically to contain over **10,000 pallet seats**, against 800 pallet seats of a traditional warehouse of the same size. An exceptional milestone obtained in 25 metres of height, 30 metres of width and 100 metres of length.

Moreover, to mitigate landscape impact, C.O.I.M. has **planted over 1,000 high trees** around the area.



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C.O.I.M. S.p.A was established in 1962 by Mario Buzzella and Cesare Zocchi, who shared the passion for chemistry and a strong entrepreneurial spirit to meet the increasing demand for chemicals resulting from a booming economy.

After 60 years, the C.O.I.M. Group is now an Italian multinational company that develops, produces and sells speciality chemicals for the manufacturing industry. It ensures its local presence through 18 companies (9 of which are production plants) in Italy, Germany, Russia, Turkey, Singapore, China, India, the U.S.A., Brazil, Mexico, Chile, Colombia, Spain, and Austria.

Over 1,100 specialised partners are committed to meeting the clients' expectations with three main product families:

- 1. Polyester and polyol;
- 2. P.U. Case: coatings, adhesives, sealants and polyurethane-based elastomers;
- 3. Polyester and special resins.

Raw material integration, focus on polyurethane systems, a wide and diversified offering (18 product lines, from polyester to P.U. systems), and high production capacity allow C.O.I.M. to meet the technical, commercial and logistic requirements of its clients in over 90 countries, for a business volume of € 800 million.

C.O.I.M. Group aims at developing continuously and sustainably while taking care of people and the environment.

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