



CASE STUDY

TRAMEC – Calderara di Reno (BO), Italy)

SILO²

Multi-column Vertical Lift System



The Customer

Established in 1986, **Tramec** started as a manufacturer of bevel helical gearboxes, parallel shaft gearboxes, shaft-mounted gearboxes and right angle gearboxes. Through the years, the product range has been widened to include new and updated product lines i.e. planetary gearboxes and worm gearboxes.

The Problem

The increase of industry competition has forced the Company to rethink the production and logistics processes in order to improve the efficiency of procurement and storage activities, reducing costs and lead time making the products suit the high quality standards required from the market.

The Solution

In order to achieve the objectives, a SILO² Vertical Lift System has been installed in the Bologna site of the company. The System has allowed to increase the efficiency during the picking operations and to ensure the continuity of the production lines thanks to an integration of a robot interfaced to the SILO².

Technical Features

TECHNICAL FEATURES	
Stored materials	Mechanical components
Dimensions (WxDxH)	2560x2700x7000 mm
System footprint	6,9 m ²
Storage Columns	1
Access Openings	No. 2 opposite access openings
Tray Nominal Dimensions (WxDxH)	2000x600x41mm
Total trays supplied	No. 74 Fixed tray configuration
Tray capacity	0,120 m ³
System capacity	8,88 m ³
Max. tray load capacity	250 kg
Tray specific load capacity/m ²	208 kg
Max. system load capacity	60.000 kg
Cycles per Hour	64

Benefits at a glance

- Increase productivity in picking operations
- Workflow continuity
- Secure storage





- 2 opposite access openings
- Robotic Interfaced Picking





For more information:

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