

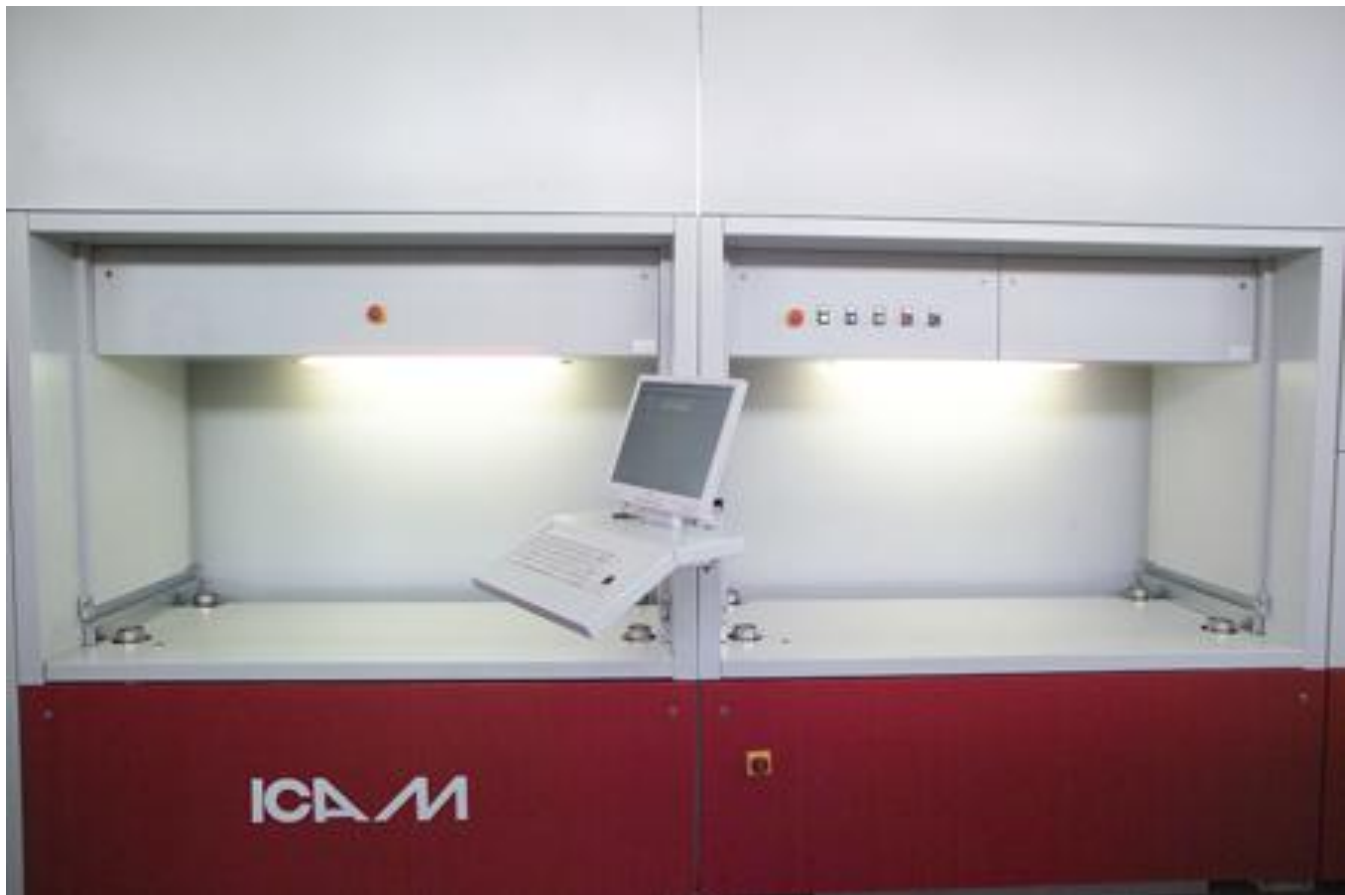


CASE STUDY

PRIMA ELECTRO SpA – Moncalieri (TO), ITALY

AVSILO²

Multi-column Vertical Lift System



The Customer

Prima Electro SpA was established in 1978 as a subsidiary of Prima Progetti, a company specializing in industrial automation design focusing strongly on the integration of mechanics, electronics and software. With a turnover of € 55 million in 2012 and 260 employees, primarily serves companies that operate in the field of machine tools, industrial automation, transport and energy.

The Problem

Following the expansion of its product range and the increase of sales volumes, the Company needed to maximizing the available space in its Moncalieri (Turin) facility. In order to satisfy this need Prima Electro Spa decided to start an important project of redesigning of the whole logistics area.

The Solution

At the end of the redesigning process a SILO² has been installed to feed the manufacturing process. SILO² is used to store electrical parts utilized in the production fase of electronic cards, replacing the previous solution based on static racking system. In addition a mobile racking system COMPATTA has been installed to store slow moving goods, also supplied by ICAM.

Technical Features

TECHNICAL FEATURES	
Stored materials	Various items
Dimensions (WxDxH)	7085x3182x3800 mm
System Footprint	22,54 m ²
Storage Colums	3
Access Openings	2
Tray Nominal Dimensions (WxDxH)	2000x800x200 mm
Total trays supplied	46 Fixed tray configuration
Tray Capacity	0,32 m ³ (loading height 200 mm) 0,48 m ³ (loading height 300 mm)
System capacity	19,84 m ³
Max. tray load capacity	250 kg
Tray specific load capacity/m ²	156 kg
Max. system load capacity	150.000 kg
Cycles per Hour	61

Benefits at a glance

- Production area more efficient and clean
- Improvement in the use of available volumes
- Decrease of distances to cover for staff in the warehouse and consequent increase of productivity





For more information:

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