



SIEMENS LTD - VLM STORAGE SYSTEMS

VLM storage systems for Siemens Energy
Automation – Goa, India

Siemens Energy Automation Facility in Goa, India, chooses the VLM storage systems [Vertimag](#) to reorganize its management of PCB Components (Printed Circuit Board)

CUSTOMER

Siemens

WHERE

Goa (India)

SOLUTIONS

Vertical lift module Vertimag
Warehouse Management System

Objectives

- Reduce the footprint of the current storage system, making the most of the available heights
- Improve storage and handling of products
- Optimize picking times
- Achieve quicker traceability of parts
- Optimize stock management

Solution

- 2 vertical storage systems positioned side by side to reduce storage footprint
- PC with touch screen and WMS designed by Ferretto fully integrated with the company ERP
- Virtual Tray Division Feature for easy part location management
- 1 meter tray depth, offering more storage space in each tray
- Variety of parts with small quantities stored in each tray with better traceability and customized stock management

Value added

- Reduction of the surface area dedicated to the storage system
- Optimization of stored volumes
- Improved goods handling and inventory management
- Reduction of errors
- Improved picking efficiency
- Increased operator safety

WAREHOUSE IN NUMBERS

Two Vertimag EF

Storage system height	4.345 mm
External dimensions (D x W)	3.674 mm X 4.134 mm
Tray dimensions (D x W)	1.030 mm x 3.650 mm
Total number of trays	38
Total surface of trays	142,86m ²
Useful storage system	35,72m ³