



## CASE STUDY

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**Baritermo Srl – Casamassima (BA), ITALY**

**AVSILO<sup>2</sup>**

**Multi-column Vertical Lift System**



## The Customer

**Baritermo Srl** was founded in 1994 by Mr. Lorenzo Pilone. It is specialized in the distribution of products for hydraulic systems, heating, air conditioning, plumbing fixtures, valves, fittings for the construction industry.

## The Problem

It was necessary to mark with bar code all products, map the logistics processes and make faster the activities of receipt, handling, retrieving and distribution by reducing the percentage of errors. Company goal was to build an efficient logistics process, able to manage in the same efficient way small and large orders.

## The Solution

The 4 Vertical Lift Systems SILO<sup>2</sup> have resolved the problem to manage small parts. The machines are perfectly integrated in the logistic flow and are seen by the system as a single deposit that, once or twice per day, is reloaded in order to ensure an average stock useful for about 30 days of activity.

## Technical Features

TECHNICAL FEATURES	
No. Storage Systems	4
Stored materials	<b>Hydraulic Components</b>
Dimensions (WxDxH)	6850x4060x12300 mm
System footprint	27,81 m <sup>2</sup>
Storage columns	3
Access openings	2 by side access openings
Tray Nominal Dimensions (WxDxH)	2000x1100x150 mm 2000x1100x200 mm 2000x1100x250 mm
Total trays supplied	No. 279 Fixed tray configuration
Tray capacity	0,330 m <sup>3</sup> - 0,440 m <sup>3</sup> - 0,550 m <sup>3</sup>
System capacity	122,76 m <sup>3</sup>
Max. tray load capacity	400 kg
Tray specific loadcapacity/m <sup>2</sup>	182 kg
Max. system load capacity	180.000 kg
Cycles per Hour	52

## Benefits at a glance

- Reduction time for order retrieval (from 2-3 hours up to 40 minutes for 100 lines)
- Errors reduction during picking operations
- Increase of productivity
- Improvement of safety levels for staff and stored items





For more information:

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