



## CASE STUDY

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**Fabbrica d'Armi Pietro Beretta S.p.A.  
(Gardone Val Trompia – BS), ITALY**

# **AVSILO<sup>2</sup>** Multi-column Vertical Lift System



## The Customer

**Fabbrica d'Armi Pietro Beretta S.p.A.** is an Italian manufacturer of firearms based in Gardone Valtrompia (BS). With nearly 500 years of history, Beretta is among the oldest companies in the world. Beretta has been the supplier of firearms to the Armed Forces and Police Corps of Italy and numerous other countries from many years.

## The Problem

The constant need to rationalize the manufacturing processes in addition to the need of reducing picking errors has prompted the company to re-organize the warehouse space and to automatize the storage systems in order to create more efficient logistics processes.

## The Solution

The solution supplied by ICAM consists in a multi-column Vertical Lift System SILO<sup>2</sup> realized with transparent polycarbonate panels that allow to see the stored items inside the machine. Thanks to this solution the Company has reached the goal to rationalize the manufacturing processes making the order picking activities more quicker and simpler.

## Technical Features

TECHNICAL FEATURES	
Stored materials	<b>Spare Parts</b>
Dimensions (WxDxH)	7085x2421x7000mm
System Footprint	17,15 m <sup>2</sup>
Storage columns	3
Access Openings	2 by side access openings
Tray Nominal Dimensions (WxDxH)	2000x600x41 mm
Total trays supplied	No. 174 Fixed tray configuration
Tray Capacity	0,12 m <sup>3</sup> (loading height 100 mm) 0,24 m <sup>3</sup> (loading height 200 mm) 0,36 m <sup>3</sup> (loading height 300 mm) 0,48 m <sup>3</sup> (loading height 400 mm)
System capacity	34,32 m <sup>3</sup>
Max. tray load capacity	400 kg
Tray specific load capacity/m <sup>2</sup>	333 kg
Max. system load capacity	90.000 kg
Cycles per Hour	61

## Benefits at a glance

- Maximize storage density of a high-value SKU
- Increase security with authorized access system
- Picking Error reduction





For more information:

**ICAM s.r.l.**

S.P. 237 delle Grotte  
70017, Putignano (BA) – ITALY  
P. O. Box 129

T. +39 080 4911377

F. + 39 080 4911529

[info@icamonline.eu](mailto:info@icamonline.eu)

[icamonline.eu](http://icamonline.eu)

