



CASE STUDY

**Silvalac. S.A. - Santa Margarida i els Monjos,
Barcelona (Espana)**

AVSILO²
Multi-column Vertical Lift System



The Customer

Silvalac S.A., a Spanish company specialized in flexible polyethylene packaging, is part of the **Armando Álvarez Group**, a European leader in the manufacture and processing of plastics, packaging, metal and iron.

The Problem

The main need expressed by the company was to optimize the storage of cylindric sleeves in order to respond intelligently and functionally to the irregular fluctuations of the market, matching the appropriate care of stored material with the maximum flexibility in term of time required for orders fulfillment.

The Solution

Silvalac S.A. opted for SILO² equipped with the External Tray Extractor to facilitate a fast and comfortable retrieval of heavy and bulky materials which need to be handled using servo-assisted /automatic devices. This innovative system offers the possibility to exploit all of the advantages of a fully automated External Tray Extractor, without the necessity of any fixed external structure.

Technical Features

TECHNICAL FEATURES	
No. Storages Systems	2
Stored materials	Cylindrical sleeves L= 1.630 mm, Ø= 360 mm
Dimensions (WxDxH)	6185x2882x6300 mm
System Footprint	17,83 m ²
Storage Columns	3
Access Openings	1 External Tray Extractor
Tray Nominal Dimensions (WxDxH)	1.700x700x41 mm
Total trays supplied	75 Fixed configuration
Load on tray	150 kg
System capacity	31,24 m ³
Max. tray load capacity	250 kg
Tray specific load capacity/m ²	210 kg
Max. system load capacity	150.000 kg
Cycles per Hour	61

Benefits at a glance

- Speed and Ergonomics in picking operations
- Multi-user management with user id and password that increase the protection and security of goods
- Traceability of the goods stored





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

icamonline.eu

