

Business sector:
Agglomerated marble and quartz processing



santamargherita
THE ORIGINAL ITALIAN SURFACE

www.santamargherita.net

CASE *history*



Santa Margherita: Ferretto Group innovation to optimise *just-in-time* logistics

Santa Margherita, a leading manufacturer of agglomerated quartz and marble surfaces, has relied on the experience of the Ferretto Group for the development of a new automatic storage system for better and more efficient management of its products.

Objectives:

- Review handling and storage logic based on new demands for *just-in-time performance* and the extensive customisation required by the market
- Reorganise the finished product storage area more efficiently, both in terms of reducing waiting times and saving space
- Ensure faster packing and loading of goods being shipped

Solution:

- The slab collection and palletising area has been reorganised using a *pick&place* machine that reorders and combines two unit loads and stores them in the new purpose-built area, ensuring better space management
- An automatic storage system linking the production and shipping areas
- One two-column mass storage stacker crane with forks that carries the unit loads comprising the same part number into the automatic storage system
- One two-column picker stacker crane with suction cups for creating multi-part unit loads ready for shipment
- One single-depth industrial racking system with eight load levels, suitably sized for the required capacity
- Three stations for packing the goods ready for loading and shipment

Added value:

- Optimised management of internal logistics and spaces both in the storage area and the shipping area
- Significant reduction in working times, with special attention to the storage, packaging and preparation of goods for shipment
- High level of customer satisfaction by responding to just-in-time demand and the extensive customisation required by the market
- Greater workplace safety guaranteed for operators



Storage system facts and figures:

Overall capacity:	8280 slabs
Maximum unit load:	4700 kg
Total surface area:	670 m ²
Load levels:	8
Stacker cranes with forks:	1
Stacker cranes with suction cups:	1