



Case studies
STOSA



Stosa is today one of the leader companies in Italy producing kitchen furnitures. Striving to improve its service quality through faster and more timely deliveries, the company worried about optimizing processes relating to customer order processing and shipment areas. The solution chosen was the innovative **F.A.ST. system** by CASSIOLI, a patented plant engineering solution in the field of **automated storage**. The system represents a real innovation within the sector of automated warehouses because, in comparison to pallet warehouses, it completely overcomes every need for stacking objects on pallets and successively singling them out. Even with respect to "monocomponent" warehouses, the F.A.ST. system allows for

handling many objects sets simultaneously (differing in shape, weight and size), when storing and retrieving as well, thus drastically reducing total rack feeder workload.

The warehouse is connected to **servicing lines** integrated with the shipment and production areas. The input line's task is to transport packages differing in size, weight and shape to the automated area, which in turn processes the customer orders. The output line is composed of a high performance shuttle, sheet conveyors and automated, semi-constrained-drive carts, capable of transferring in very short time goods which have already been assigned to customers, from the interoperable warehouse to the truck loading area. Today Stosa's production is made by typology: The distinctive feature of the F.A.ST. system is in fact to perform faster picking by automatically grouping packages by typology, not by customer. The task of reordering packages by work order is subsequently demanded to CASSIOLI's software system.



Casi di studio Cassiole Group
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