Fleet of robots to transform letters and flats processing in Italy

Solystic has already revolutionized parcel handling with its Soly mobile robot fleet solution, which includes parcel sorting (Soly Sort), preparation of the delivery tour (Soly Sequencer), transportation of bags or non-standard parcels (Soly Move) and moving of rolls or trolleys (Soly Kart). This solution is already deployed, or currently being deployed, at La Poste and Poste Italiane.

TOP 2000 is designed for flat objects, and an integrated automated tray handling system helps with circulation and emptying, optimizing operational efficiency Solystic is now revolutionizing the processing of letters and flats. For example, a fleet of Soly Move mobile robots will replace traditional conveyor systems around the TOP2000 machines that Solystic will install at Poste Italiane.

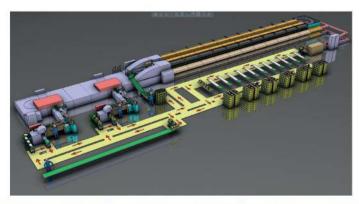
These robots will feed the TOP2000 input feeders with full bins; dispatch the full bins from the outputs of the machine to palletizing stations for transportation

to other sorting centers or distribution centers; and recirculate the full bins from the machine outputs to the destackers during sequencing.

For this purpose, the Soly Move robots are equipped with a mechanically and electronically controllable mini-conveyor and interface with the TOP2000 machine.

As with the XMS 2 machines already installed, Solystic offers a sorting solution with a minimum footprint: robots can coexist and cooperate with operators and other systems without occupying fixed space, which is not possible with conventional conveyors.

Sizing, testing and virtual commissioning of the TOP2000 configuration are carried out using Solystic's simulation/emulation platform, SOSi.



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