

Identifying and manually assembling customer orders is one of the most time consuming processes for a dry-cleaning operation. Due to the various production phases and processing times, garments are inevitably mixed and arrive for assembly at different times causing bottle necking and complicating the assembly process.

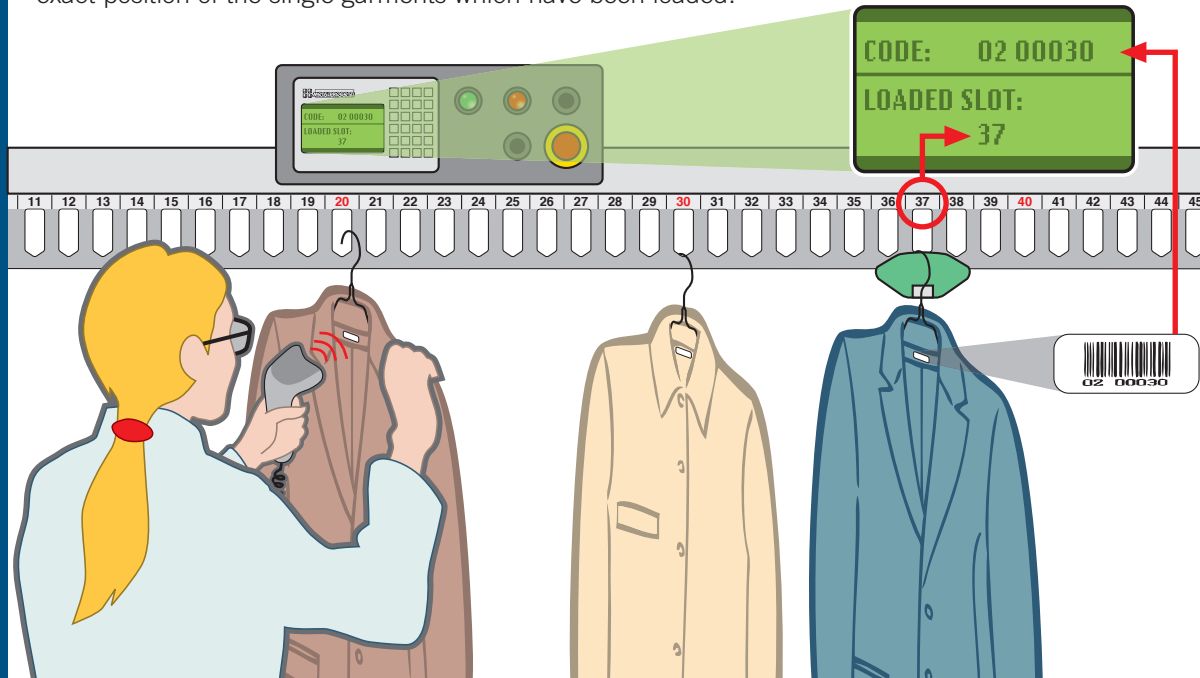
This is why **Metalprogetti** created the **AUTOMATIC ASSEMBLY CONVEYOR**, the system that identifies each garment and automatically reassembles the order when the customer's garments are ready.

Remember • the conveyor never stops.



DYNAMIC LOADING OF THE GARMENTS ON THE CONVEYOR

After processing, each garment is loaded on the conveyor while in movement, waiting to be reunited with the other garments of the respective order when they are ready. The operation is fast, dynamic and random, based on the open slots on the conveyor. The system automatically detects the arrival and the exact position of the single garments which have been loaded.



VARIOUS GARMENT IDENTIFICATION METHODS:

The **AUTOMATIC ASSEMBLY CONVEYOR**, allows the use of various methods to identify the garments:



Permanent barcode



Pre-printed barcode



Barcode printed at invoicing



RFID transponder

GARMENT EXTRACTION AND AUTOMATIC ASSEMBLY OF THE ORDERS

When a customer's garments are ready and loaded on the conveyor, the system automatically extracts them. There are various solutions for unloading and reassembly based on the needs, the volumes handled and the space available.

Automatic feeding on the bagging machine (manual or automatic)



Accumulating line with spacers

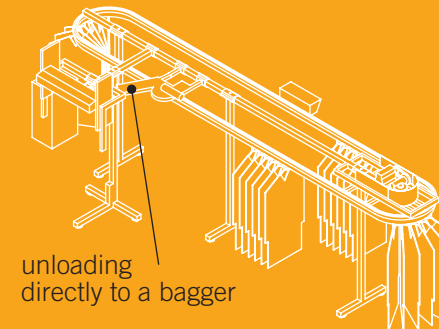


Tying the garments belonging to the same order

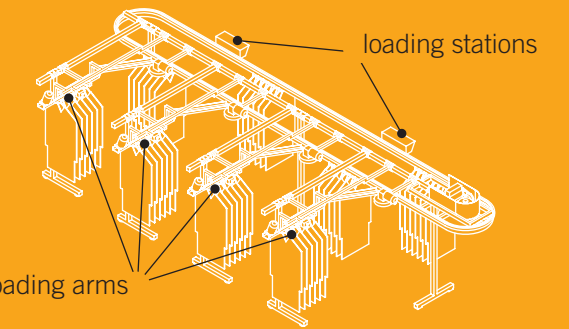


A VERSATILE SYSTEM EASILY ADAPTABLE TO VARIOUS NEEDS

The Metalprogetti's **AUTOMATIC ASSEMBLY CONVEYOR** is versatile and modular offering a variety of technical solutions based on the operational needs and size of the business.



unloading directly to a bagger



unloading arms

loading stations



Yet another winning idea from Metalprogetti, a company in continuous motion, created to find easy solutions to your most complex problems.

AUTO **ASSEMBLY**



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