

Material handling systems

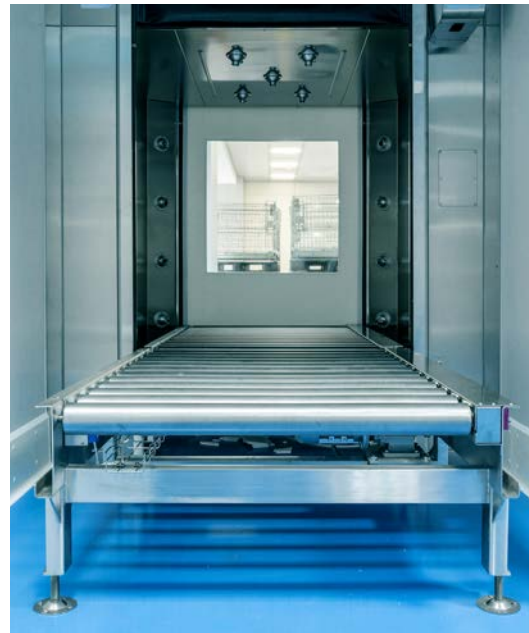
Material handling systems perfectly integrate in all the areas requiring the highest standards of cleanliness.

All the material handling systems are designed after an adequate analysis of the Customer's needs, and are frequently combined with systems for decontamination or suitable to ensure different pressure gradients or variation of environmental classification (such as air showers, pass boxes, airlocks, sampling rooms, etc.).

Mechanics integrates with automation and software to provide full functionality and efficiency of the automatic handling systems.

Handling systems can fit in areas classified up to ISO 5 (according to EN 14644-1) and are suitable to handle materials such as:

- Pallets
- Drums
- Containers
- Boxes
- Bags



Material handling systems are manufactured in stainless steel AISI 304 or 316, both structure (frames, covers) and mechanics (rollers, chains, sprockets).

When **rollers** are not applicable, they are replaced with **belts** realised in material compatible with contamination controlled environments.

Conveyor lines can be equipped with **rotating tables** or **pushers**, for rotation or change of direction (for example inside the material air showers).

Operation and safety are ensured by the presence of photocells or detection systems, control and automations are managed by specific softwares.

