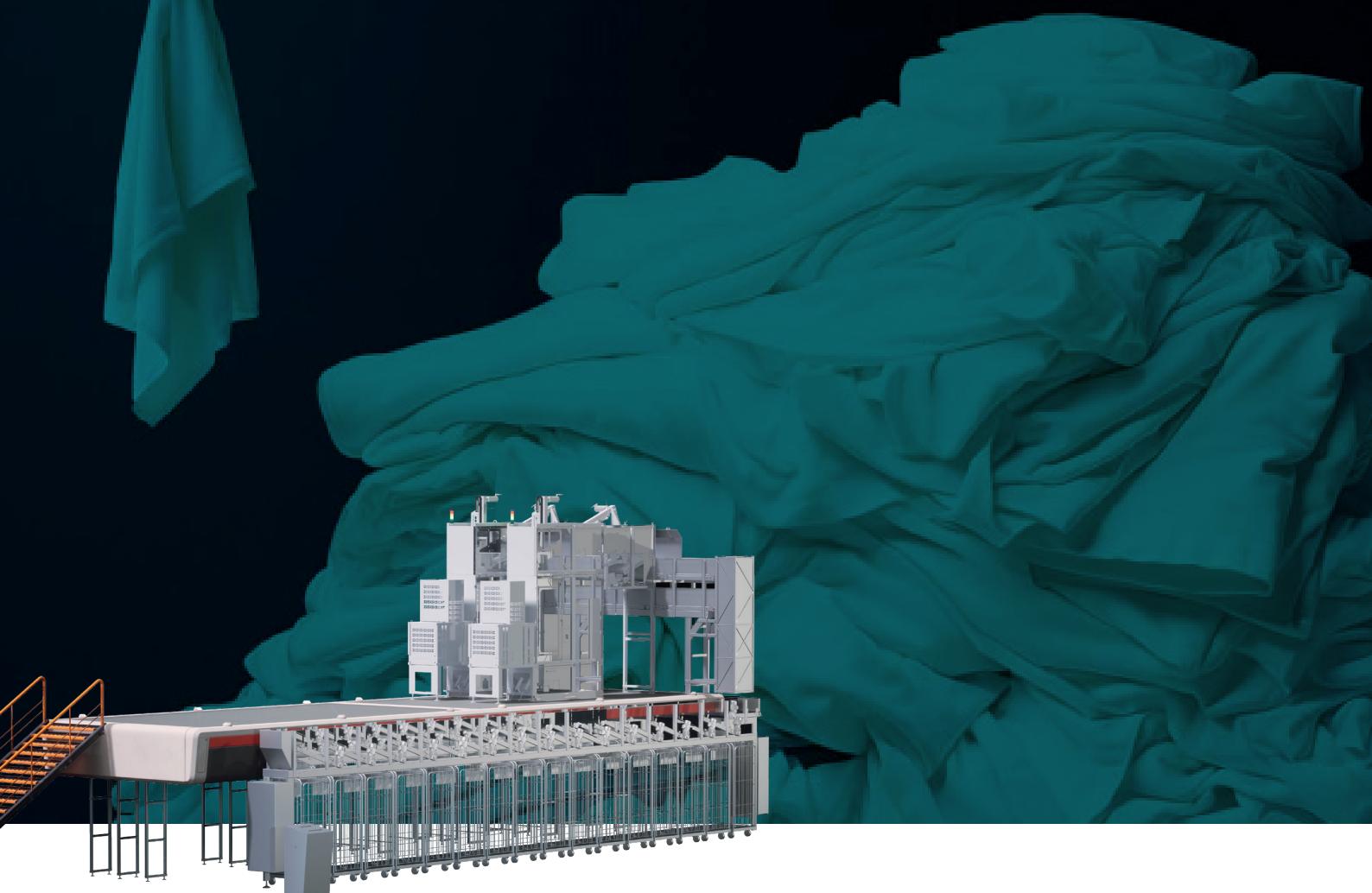


# Sortech

THE INNOVATIVE SOLUTION TO AUTOMATE  
THE SEPARATION AND SORTING OF SOILED LINEN



## LET SORTECH DO THE DIRTY WORK

Avoid your operators coming into direct contact  
with contaminated items and boost your productivity

**GIRBAU**

# Sortech

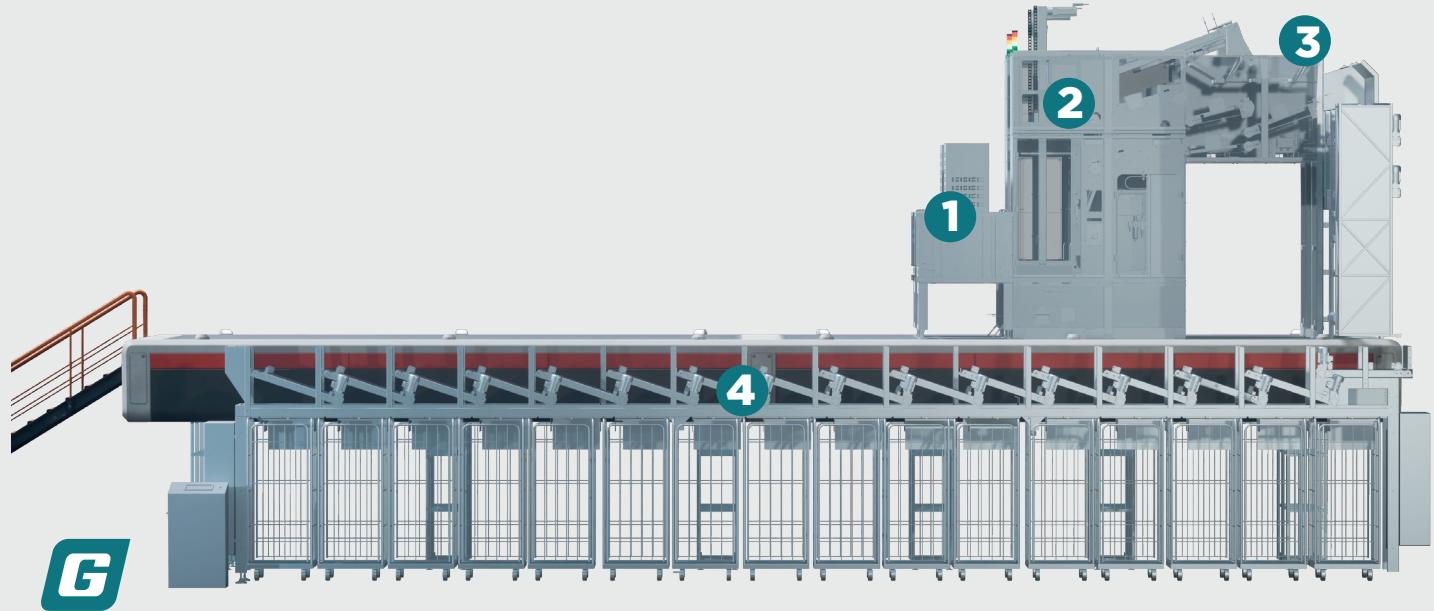
## AUTOMATED SYSTEM FOR SORTING SOILED LINEN

Sortech is a unique solution designed to boost productivity in sorting of soiled linen, while improving operators' working conditions. By preventing direct contact with any contaminated items that might come into the laundry, Sortech efficiently separates and sorts the items before initiating the washing process.



- Operation
- Versatility
- Productivity
- Hygiene and safety
- Reliability
- Control
- Easy





# Operation

Sortech features simple, reliable operation to ensure non-stop production, without interruptions.

## 1 Feeding

To boost productivity, Sortech automatically directs incoming soiled linen to the picking station with the best availability.



## 2 Picking

A picking and transfer system designed to work efficiently with items of all kinds, including the largest pieces such as duvet covers or king-size sheets.



## 3 Identification

Thanks to its RFID antennas, Sortech can read the chip in each item of soiled linen to identify what it is and sort it accordingly.



## 4 Sorting

Sortech allows for a wide range of sorting systems, from sorting in trolleys to direct sorting in a bag rail system using weighing silos or conveyor belts.

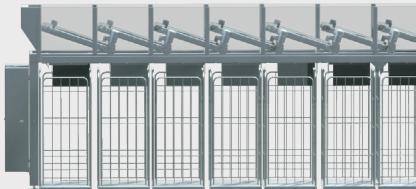




## Versatility

Sortech knows no limits. A solution with the ability to adapt to small spaces and meet the unique needs of every laundry.

### Multiple sorting options



Trolleys



Weighing silos + Bag rail system



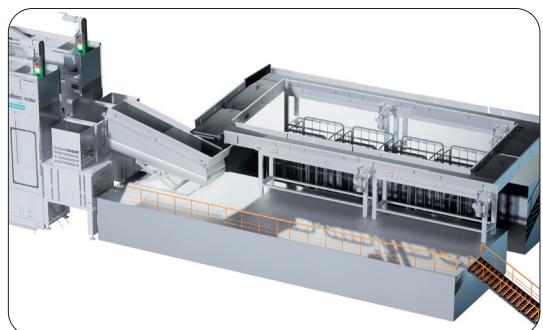
Weighing conveyors  
+ Bag rail system

### Ability to adapt to small spaces



High performance  
with all types  
of linen

Option of  
integration with  
manual sorting  
stations



# Productivity

Sortech helps you boost productivity in sorting soiled linen.

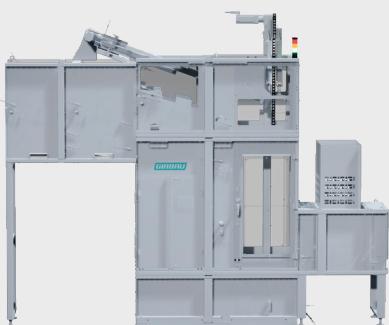
## PKS: The Sortech picking station

PKS is the individual clamp and item recognition module within Sortech.

The productivity of the system therefore depends primarily on the number and placement of PKS.

### 1 PKS

Up to 1,000 items per hour



### 2 PKS

Up to 1,800 items per hour (**1 sorting lane**)  
or 2,000 items per hour (**2 sorting lanes**)



## Reliable sorting

To avoid sorting errors, if a PKS clamp takes up 2 items from different categories, they will be returned to the starting compartment. If, on the other hand, the two items belong to the same category, they will be sorted appropriately to boost the system's productivity.

Sortech can also identify and separate pieces of linen that have reached a certain number of wash cycles and are no longer suitable to be supplied to clients due to their condition.



## Cut down stops

Sortech features a range of visual aids to display system status in real time, reducing shutdowns and boosting productivity.





## Hygiene and safety

Sortech takes hygiene and safety to the next level by automating the daunting, most unpleasant task in a laundry, the sorting of soiled linen.

### Automated sorting with Sortech

- Automatic
- Avoids accidents and health, hygiene and ergonomics issues

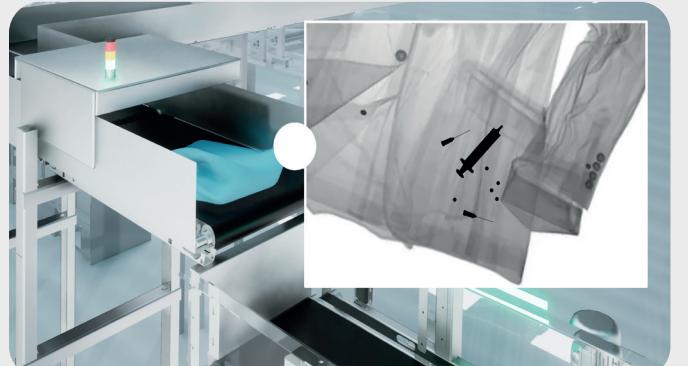
### Avoids traditional sorting

- 100% manual
- Unergonomic
- Hard and unpleasant
- Risk of accidents with items containing objects



### Did you know...?

Sortech can be equipped with an X-ray scanner to identify items containing hazardous objects and effectively separate them from the other harmless linen.



All Girbau controls, including those in Sortech, use the same platform, the same graphic icons and the same error codes. This ensures ease of employee training and system handling.

With intuitive control, a fast processor, displays in multiple languages, plus remote updating and an optional remote connection for technical support.

## Real-time production data

Each PKS has a touch screen, providing operators with access to real-time production data, among other things.

## Custom sorting for each client

Sortech also features a central control console. This enables tasks such as assignments of categories for each client, and the real-time fill level of each category, among other functionalities.



# Easy maintenance

## Sortech is designed for minimal, fast, easy and accessible maintenance

Unlike other solutions that use exclusive, complex, expensive components that are hard to calibrate and maintain, Sortech stands out for its reliability and simplicity. The solution incorporates simple yet efficient mechanical systems, using common, standard components to facilitate and simplify maintenance tasks.



## Accessibility

Convenient access to the main components to make maintenance tasks easier.



## Smart design

The design of the PKS clamps allows for the replacement of the parts subject to the most wear due to friction with linen, instead of having to replace the whole clamp.

Moreover, each PKS is equipped with a drawer to collect all undesired objects found in the linen processed.



Girbau is a multi-national corporation that has cemented its position as one of the leading global groups in the manufacture of innovative solutions for the world of laundry. The goal of Girbau is to create maximum value for its customers, supporting them in their professional growth. The Girbau community supplies simple, dependable solutions that offer its clients profitability, innovation and sustainability.

With more than 60 years of experience as a manufacturer of washing and drying equipment, Girbau provides the most comprehensive offering of commercial, industrial, and self-service laundry solutions in the world to meet your individual productivity and efficiency needs.

We want to provide the service and community you need to make your business special. That takes commitment beyond selling machines, and we're willing to walk the extra mile. And beyond all that, we want to help you care for the environment and innovate for the next generation.

These are tall orders, but Girbau can fill them with your help. Help us take laundry beyond laundry. Get in touch today!



# The future is now

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