Getinge Cage Handling System

– for tunnel washers

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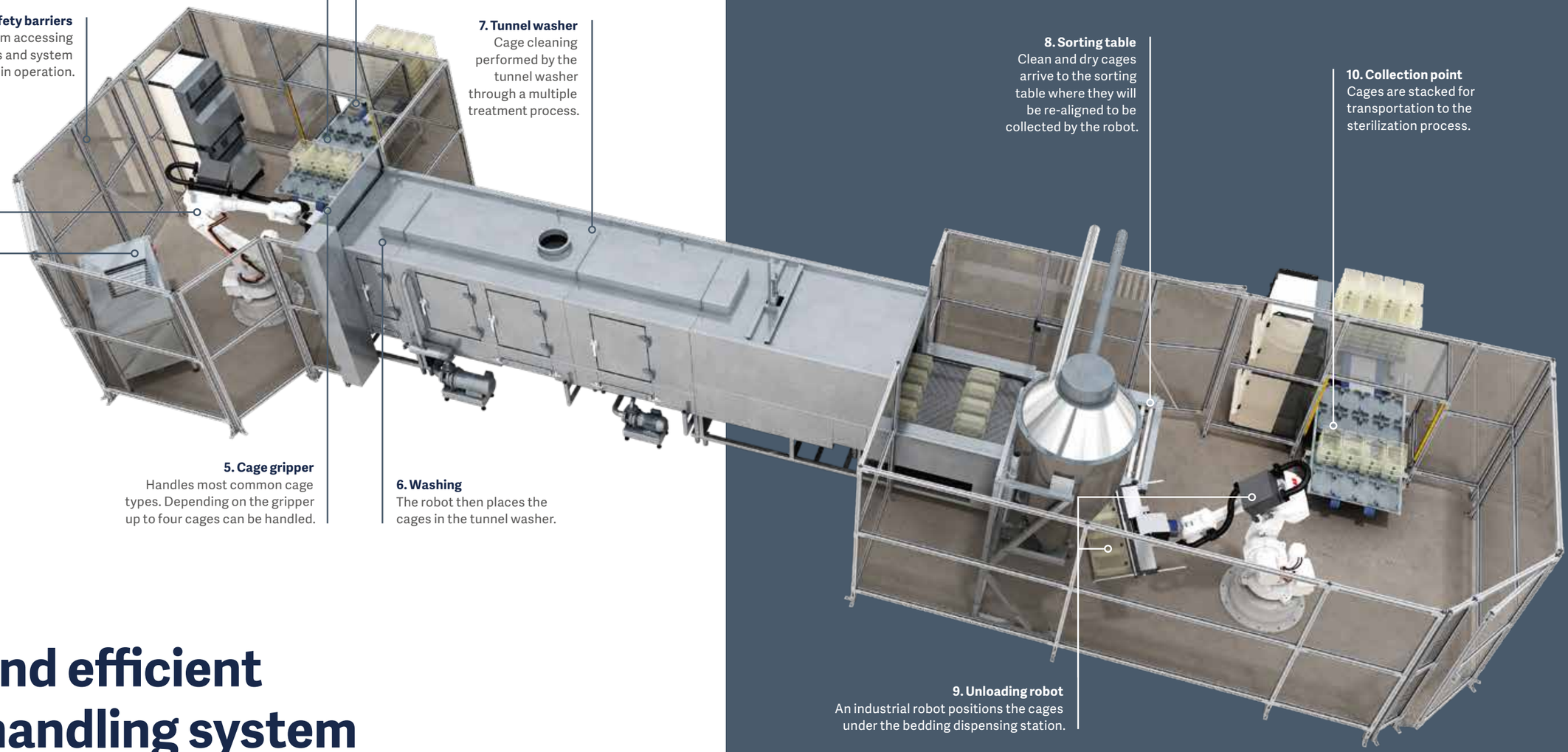
Loading system

Unloading system



1. Safety barriers
Protect staff from accessing when robots and system are in operation.

2. Conveyor
Soiled cages are conveyed in a safe and controlled manner to the robot.

3. Pallet entrance
Light barrier protected to prevent unadmitted access.

4. Loading robot
An industrial robot empties the soiled bedding into a dump station.

5. Cage gripper
Handles most common cage types. Depending on the gripper up to four cages can be handled.

6. Washing
The robot then places the cages in the tunnel washer.

7. Tunnel washer
Cage cleaning performed by the tunnel washer through a multiple treatment process.

8. Sorting table
Clean and dry cages arrive to the sorting table where they will be re-aligned to be collected by the robot.

9. Unloading robot
An industrial robot positions the cages under the bedding dispensing station.

10. Collection point
Cages are stacked for transportation to the sterilization process.

Safe and efficient cage handling system

Getinge provides the highest level of planning support to architects, planners, engineers and general contractors. Getinge can assist with CAD layouts and design support, producing complete specifications along with equipment drawings and technical specifications, detailed utility analysis, capacity planning and full plan drawings ensuring code compliance. Getinge's main focus is to provide the most cost effective and reliable solution for your Vivarium.

Getinge Cage Handling System is an automated process for robotic cage handling that addresses the need to efficiently process animal cages in a vivarium during the cage cleaning. The system combines industrial robots with a tunnel washer for high throughput facilities in cost effective way.

Main benefits:

- **Improved operator safety**
  The robotic automation ensures minimized operator exposure to potentially harmful airborne dust and allergens and improves the ergonomics.
- **Increased productivity**
  Increased productivity and maximized throughput due to a system combination of industrial robots and tunnel washers for handling of cages.
- **Optimal cage process flow**
  Getinge's worldwide reach and extensive installed product base provides the knowledge necessary to assist our customers in planning for optimal and efficient cage process flow that help manage operating costs.

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Getinge is a global provider of innovative solutions for operating rooms, intensive care units, sterilization departments and for life science companies and institutions. Based on our firsthand experience and close partnerships with clinical experts, healthcare professionals and medtech specialists, we are improving the everyday life for people - today and tomorrow.

Contact · Getinge Infection Control AB · PO. Box 69 · SE-305 05 Getinge · Sweden · Phone: +46 (0) 10 335 00 00
E-mail · info@getinge.com

www.getinge.com

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