

Chiptex - Sizer



Laundry management with RFID technology

The health care sector is one of the most important sectors in any economy. After all, health care must always be provided, and in as responsible a manner as possible. Hygiene and cleanliness play a crucial role in this regard. That's why it's not just important to carefully clean workwear, but to make sure that it's stored hygienically as well. Short cleaning and fast turnaround times are indispensable. With the new Chiptex-Sizer clothing distribution system developed by Laundry Computer Technics (LCT), there now exists an efficient solution for collecting, storing and distributing clothing.

As a specialist for the development and manufacture of automated logistics systems in the apparel sector, LCT developed their previous model, the "Chiptex-Liner", which was distinguished by its high degree of user-friendliness and efficiency. The success of this product led to the development of a new version of the Chiptex-Liner: The Chiptex-Sizer.

Designed specifically for the distribution of folded and packaged workwear, this new system comes equipped with a collection station for dirty clothes and a central distribution station for the output of cleaned clothes. Despite its space-saving design, it provides ample capacity for laundry collection and storage. Cleaned articles of clothing are then stored in a dust-free environment and checked over once more before being distributed.

More than just a distribution system

Taking advantage of their years of experience, LCT has been able to develop a system that can be quickly adapted to the specific demands of their customers. Different customers require different systems, and the

flexible Chiptex-Sizer is able to accommodate virtually any special demand. Conveyor belts, elevating conveyor belts and automatic loading are just a few of the available features.

Larger institutions can further increase processing speed by connecting two conveyor belts to a single output station. "Because the system also provides inventory management, it always ensures that the right workwear is on hand," explains LCT sales manager David Tiegelaar. This allows health care facilities to benefit from significant savings potential with regard to processing time and costs."

Managing workwear

Special transponder labels allow RFID technology and a central information management system to detect and register articles of clothing to determine their useful life expectancy. This allows the system to determine, for example, the current owner of a garment, how long it has been in his or her possession, how many times it must be cleaned monthly, and more. The system constantly provides information about the garments currently being processed. It is also possible to configure the system in such a way that the availability of certain clothing can be determined in advance.



Advanced garment handling – the new Chiptex sizer ensures that work garments are ready when needed.

It is even possible to define the permitted articles of clothing for each employee. This ensures that personnel only receives the clothing actually needed, one more way that the amount of clothing in circulation is optimized.

"Our experts develop solutions for a variety of logistical problems," explains Tiegelaar. "We're always oriented towards specific customer requirements, the structural conditions on site and the organizational processes in place. LCT systems are especially user-friendly, sustainable and cost-effective. In this way, our new concepts for clothing distribution have been able to gain the trust of both larger and smaller health care facilities." ■



A Power Panel assists the operator with simple inventory management.



Industry: Garment industry
Employees: 32
Location: Tiel (NL)

www.LCT.nl