

DIRTT Environmental Solutions: Streamlined inventory for the manufacture of custom office interiors

Hänel's VLM is a central distribution system for small parts within the production area

Ultra-compact storage in the Hänel Lean-Lift frees up valuable floor space for production processes

DIRTT is a company specializing in the prefabricated construction of interior spaces and employs 85 people at its site in Phoenix, Arizona. A compact Hänel Lean-Lift® in the production area is used for the height-optimized storage of hardware, bolts, brackets, and similar items.

The high-speed version of the Hänel Lean-Lift® serves as the central distribution system for production at DIRTT. Vertical storage from Hänel means that fewer high-bay racks are needed. What's more, efficiency and ergonomics have been optimized.

Specially designed Hänel multifunction containers ensure neat and compact item storage. Systematic organization of diverse items is guaranteed with flexible container dividers and configuration options. The Hänel Lean-Lift® provides maximum height-optimized storage capacity. The compact Hänel system frees up floor space for other processes and thus reduces costs.

Parts needed in the production area are picked from the Hänel Lean-Lift® on demand. This just-in-time principle keeps production processes lean and smooth – there is no need for buffer storage.



Fast and error-free order picking with Hänel Pick-o-Light-Vario

Employees use the Hänel MP 12N controller and a barcode scanner to start the picking process. The containers holding the requested items are brought to the retrieval point automatically. Hänel Pick-o-Light-Vario® shines a light beam on the requested items for easy identification. This helps prevent human errors and mix-ups.

The integrated management functions of the Hänel MP 12 N ensure constant inventory monitoring of all items in stock. This real-time inventory means that replenishment takes place at the right time to prevent item outages.

DIRTT has been very satisfied with the Hänel intralogistics solutions at its headquarters in Calgary, Alberta, Canada. That's why the company successfully integrated a Hänel Lean-Lift® to optimize processes at the Phoenix site in the US.

“Thanks to the huge capacity of our Hänel Lean-Lift system, we were able to save space and remove obsolete storage racks.”

Tom Donnell – Facility and Maintenance Manager, DIRTT Environmental Solutions