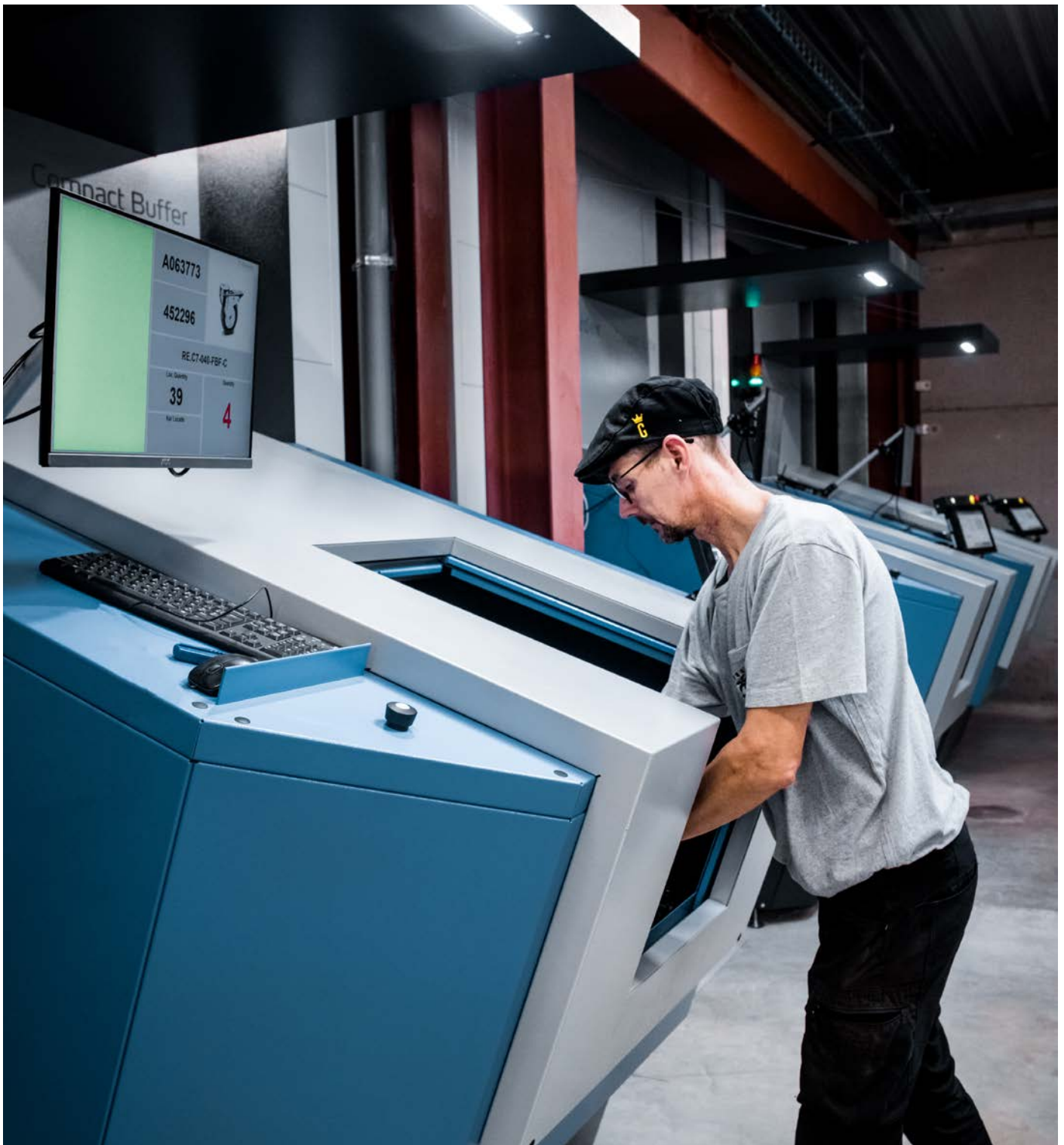


Case Study

# Maximum Use of Available Space





# Optimize picking within a small footprint

## Customer and task

Prior to working with Kardex, SHAKE-HAND used static shelves. Realizing its inefficiencies and to manage company growth, SHAKE-HAND planned to replace the manual storage locations with an automated system that reduced the footprint while optimizing volume. In addition, there was a need to decrease the amount of picking errors.

To cope with these prior challenges SHAKE-HAND implemented two Kardex Miniload-in-a-Box in 2018 to optimize their small parts picking. Recently, they approached Kardex again. This time they required a similar solution with more bin locations to automate their full bin picking.

## Solution

Kardex recommended three extended Kardex Miniload-in-a-Box to complement the existing two machines. With its flexible design, the Kardex solution can now extend up to 20-meters long. Thanks to this upgrade Kardex could provide the needed amount of bin locations. SHAKE-HAND chose three 18-meters long units to fully maximize warehouse space. They use Kardex VBM Boxes in two different heights to store cartons and bigger items.

After checking articles in the incoming goods area, the Kardex Power Pick System (software) assigns a storage location in one of the five Kardex Miniload-in-a-Box (standard ones for small parts, extended ones for cartons). The employees store the articles in the machines and pick them when needed. The display tool of the Kardex Power Pick System facilitates picking even more.

"The extended Kardex Miniload-in-a-Box was just what we needed to optimize our full bin picking." Niek Lerou, Owner, SHAKE-HAND

WATCH VIDEO

## Case at a glance

### Efficiently manage full bin picking

SHAKE-HAND (Belgium) focuses on the distribution of standard machine elements for the mechanical engineering industry including grip, (adjustable) feet, clamps, couplings and more. To handle small parts as well as bigger items and full cartons, SHAKE-HAND needed a solution to efficiently manage full bin picking within a small footprint. The upgraded version of the Kardex Miniload-in-a-Box\* was the solution.

\* formerly Kardex Compact Buffer

Enabled  
future company  
growth

Doubled  
the storage  
capacity

Minimized  
picking errors





### Scope of delivery



Five Kardex Miniload-in-a-Box  
2 standard machines (in 2018)  
W: 2,350 mm | D: 10,000 mm | H: 6,700 mm  
3 extended machines (in 2022)  
W: 2,450 mm | D: 18,480 mm | H: 6,800 mm



Kardex VBM Boxes in two different heights



Kardex Power Pick System to manage orders and storage locations, consolidate picked items, facilitate picking, etc.



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