

Tailor-made inventory management

Solutions in five steps

HABERKORN

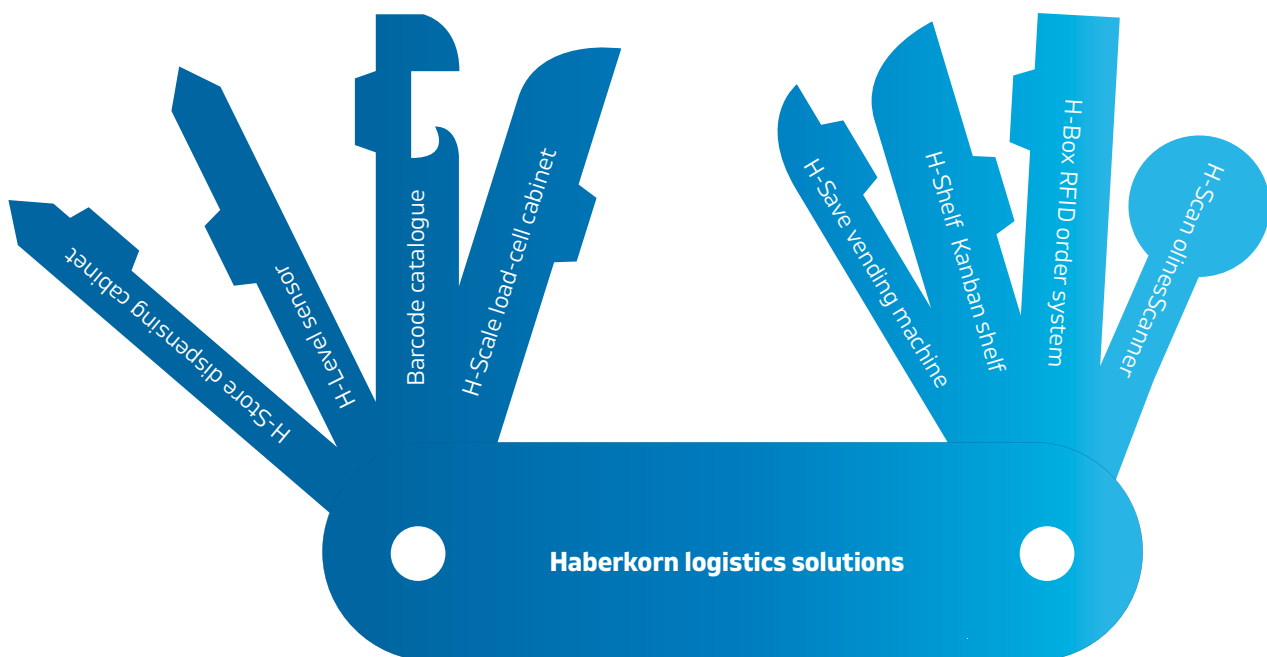


Systematically analyse the requirements

The best inventory management system is always the one that can be perfectly integrated into the enterprise and simplifies processes. A simple 5-step analysis enables the requirements to be systematically identified. Our experts then do the rest for you. They develop a tailor-made concept based on the appropriate modules from Haberkorn's logistics solutions. This provides you with a basis for decision-making with very little effort.

This brings you the following benefits:

- Supply processes that are adapted in line with your individual requirements
- Simplified procedures thanks to fewer process steps
- Leaner operations and enhanced efficiency
- The necessary transparency for continuous improvement





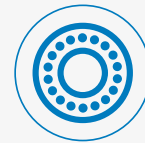
Analyse the product prices

Do the right things

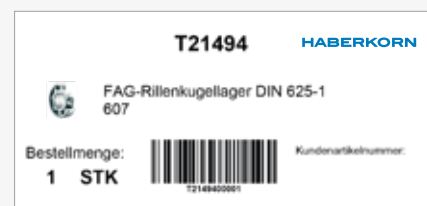
The ABC analysis is a classic tool used for grouping a concrete range of products. Particularly when looking to find an optimal supply solution, it is important to consider not only the processes but also the product values in order to develop a solution that is as efficient and cost-effective as possible.

A Products

€€€



Higher-value spare parts



In the case of higher-value spare parts like antifriction bearings, it is more cost-effective to avoid having stocks on the premises. The use of such products then has to be traceable to the employee and/or to cost centre level (e.g. machine/line).

Possible solutions

- VMI solution
- Individual barcode catalogue
- H-Scan online scanner

B Products

€€



**Frequent auxiliary and
factory supplies**



In the case of gloves and other auxiliary and factory supplies, it makes sense to keep a certain level of stocks on the premises as long as this is not too large. Transparency regarding removal is normally required at team level, i.e. in respect of cost centre.

Possible solutions

- H-Save vending machine
- H-Scale load-cell cabinet

C Products

€



Classic small parts



A factory keeps stocks of C parts, which are required on a daily basis and have low item prices, such as screws, washers, rivets or similar. No transparency is normally necessary for removal.

Possible solutions

- H-Shelf Kanban shelf
- H-Scan online scanner

Analyse the turnover rate

Cut inventory value by up to 20 %

The analysis of turnover rate (XYZ analysis) is the first and most important step towards reducing inventory levels and the associated amount of tied-up capital. In our experience, systematic analysis enables inventory value to be cut by up to 20 % without any risk to supply security.

Fast-movers (X Products)



**Fast-movers are used intensively.
In most cases, they are needed every day.**



These articles should be available as close as possible to the workplace in order to keep transit times as short as possible.

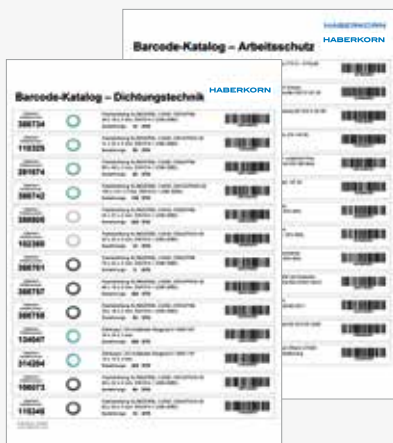
Possible solutions

- H-Shelf Kanban shelf
- H-Save vending machine
- H-Store dispensing cabinet

Slow-movers (Y Products)



Slow-movers are standard products that are needed regularly, e.g. on a weekly basis.



The fundamental question: do you really need to have these products in stock if they can be delivered quickly enough?

Possible solutions

- Individual Barcode Catalogue for simplified ordering
- Central warehouse that concentrates requirements from different departments

Seldom required articles (Z Products)



Seldom required products are only ordered on a case-by-case basis.



When needed, they have to be found quickly and be easy to order.

Possible solutions

- Haberkorn Online Shop with enhanced search facility

Analyse the ordering method

Record items faster and more reliably

How is product ordering dealt with at your company? Is it as fast and simple as it should be for what are, for the most part, low-value items? Haberkorn offers you a series of solutions through to fully automatic reordering when items are retrieved. Let us analyse which are the best ordering methods to suit your needs!

Manual



Demand-driven ordering by hand.



Product standardisation simplifies reordering.

Possible solutions

- H-Shelf Kanban shelf
- H-Scan online scanner

Semiautomatic



Ordering, for example, by placing the kanban containers in the box.



Simply place empty kanban containers in the H-Box – that's how easy reordering can be!

Possible solutions

- H-Shelf Kanban shelf
- H-Box RFID order system

Fully automatic



Ordering by means of continuous background data synchronisation.



Removing an article automatically triggers a reorder. Human intervention is no longer necessary!

Possible solutions

- H-Save vending machine
- H-Scale load-cell cabinet

Analyse the transparency

Up to 20 % less consumption

Waste in the form of excessive consumption usually occurs in areas with insufficient transparency. As soon as consumables like gloves, cutting discs or the like can be assigned to individual people or departments, consumption usually falls – despite continuous supply and better availability.

No transparency



In the case of extremely low item prices, it is not usually necessary to document consumption.



Small parts like nuts and bolts are freely available to all.

Possible solution

- H-Shelf Kanban shelf

Cost Centre Transparency



The consumption of specific articles should be assignable to a cost centre.



Controlled access by means of personal identification is typically suited to auxiliary and factory supplies such as personal protective items or tools.

Possible solution

- H-Store Dispensing cabinet

Employee Transparency



It should be possible to assign removed products to individual people.



Controlled access by means of personal identification cuts consumption of items such as gloves, tape measures and other products with a high potential for waste.

Possible solution

- H-Save vending machine
- H-Scale load-cell cabinet

Analyse the transit times

Cut unnecessary routes by up to 20 %!

Time is money. And long routes to the warehouse often mean a lot of money wasted. When analysing transit times, the question often arises of whether a central warehouse really makes sense and where supply points would be a better solution. We'll be pleased to answer that for you!

Central Warehouse



A central warehouse usually manages higher-value products (A/B parts) which are needed with medium to low frequency in the departments but have to be available at once when required.



Central requirements planning based on consumption per cost centre.

Possible solutions

- Direct synchronisation with your ERP system
- Haberkorn's VMI solution (Vendor-Managed Inventory)

Decentralised Supply Points



Articles that are needed frequently to seldom in the department but have to be available at once when required should be kept in the same storage area. At the same time, routes should be kept as short as possible.

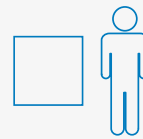


The removals by employees are assigned to the cost centres for the individual sections.

Possible solutions

- H-Save vending machine
- H-Scale load-cell cabinet

Direct Supply at Workplace



Frequently required articles are provided directly at the workplace in order to save routes and administrative effort.



The employees in one section have exclusive access to the required products.

Possible solutions

- H-Shelf Kanban shelf directly at the workplace
- H-Store dispensing cabinet for higher-value products

The Project Workflow

Each customer is different

In order to develop a solution that is ideal and above all tailor-made for the customer, it is particularly important to understand the current situation and the customer's requirements. Building on from that basis, Haberkorn develops a customer-specific solution from a modular set of systems and electronic options. But it doesn't stop there – because once implemented, the solution is optimised with Haberkorn's support and continuously adapted in line with developments in the customer's needs.

Actual analysis

Analyse product prices



Analyse turnover rate



Analyse ordering method



Analyse transparency



Analyse transit times



Target situation

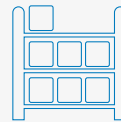
Consumption data



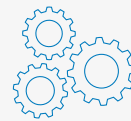
Inventory management



Inventory levels

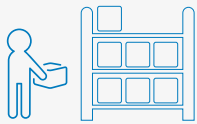


Processes



Inventory management concepts

Outsourcing



Processes



Vendor managed
inventory



Kanban

Systems



Dispensers



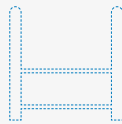
Scanners



RFID

Implementation

Install Shelves



Marking / Labelling



System Start-Ups



Support

Proactive inventory management



Periodic evaluations



Now reap the rewards

Sustainable success

Whether it's because the process simply works, because many habits have formed or because nobody takes a closer look: practice definitely shows that, particularly in the area of C parts, process optimisation enables visible and measurable improvements. With Haberkorn's tried-and-tested systems and solutions, the application of your processes requires only a reasonable level of time and effort while their efficiency and effectiveness make a sustainable impact.

Before

Shorter transit times



Long routes and many work steps cost a lot of time and money.

Fewer process steps



Eight process steps increase costs in particular.

After*



By optimising transit times, you save time and hard cash!

-55 %



Optimisation and planning enable you to shorten and simplify the necessary process steps to just 3 or 4 steps!

Reduction in inventory levels



Unnecessary inventory levels
cause high costs.

Reduction in consumption



High consumption ensures
continuously high costs.

Security of supply

95 %

Inaccurate planning and many
suppliers cannot ensure
perfect supply security.

-15 bis -30 %



Reducing inventory levels makes
savings of 15 to 30% possible!

-25 %



By reducing consumption you
save up to 25%!

99,8 %

Haberkorn's flexible processes
achieve almost 100% security of
supply!

* Empirical values based on the experience of 5 large
customers in Austria between 2015 and 2017

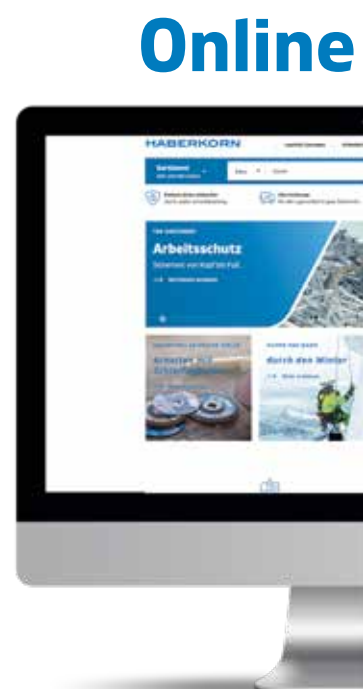
Haberkorn Logistics Solutions



H-Level
sensor



H-Shelf
Kanban shelf

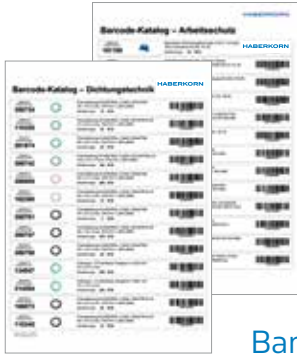


Online



H-Box
RFID Order system





Barcode catalogue

H-Scan
Online scanner

-Shop

H-Scale
Load-cell cabinetH-Save
Vending machineH-Store
Dispensing cabinet

HABERKORN

elf an-Regal

duell, geordnet und gbar

ell angepasst

immt auf die Artikel
e oder gerade Fachböden
ragkraft

ehör

leche für lose Artikel
aden für Kleinteile
chiedliche Behälter

ste Bewirtschaftung

tige Beschriftung der Regalplätze
htliches Bereitstellen der Ware
r Scanner- oder RFID-Anwendung



H-Store
Ausgabeschrank

Zentral verwaltet -
jederzeit verfügbar

Einfache Lösung

- Versorgungssicherheit durch
Kartenzahlung
- Zugriff nur für Berechtigte
- Öffnen - entnehmen - schließen - fertig

Zugriff selbst steuern

- Einblendung in die Schließanlage
wie eine Tür
- Verschiedene Zutrittskarten (Logik, Matrikel...)
können verwendet werden
- Berechtigungen selbst verwalten

Transparent und Überblick

- Verbleibende Schrank am zentralen
Einblick (Videoüberwachung)
- Transparenz der Produkte
über den
Zugriff
- Zugriffskontrolle im
Zugriffssystem