

Robotics is also the future of your warehouse

myFABER[®]
KVADOS ROBOTICS

Dealing with both the shortage of quality workers
and the pressure to increase efficiency in your warehouse?
Industrial **automation using robots** may be the answer.





A smart and flexible warehouse is fully automated

DO YOU ALSO
WANT ...

We take care of the full automation of your warehouse. We will perform an initial data analysis and dynamic simulation of working with robots. We will design the most suitable type of robots and coordinate the remodeling of your warehouse. We provide delivery, installation and turnkey implementation. Together with robots, you also get a comprehensive solution for handling goods and for rack and warehouse systems. Only specialized experts will remain in your warehouses. **You will reduce the time of warehouse operations, increase performance and reduce errors.**

- ... use your warehouse 24/7 and not be limited by too few workers?
- ... speed up picking by at least 300 %?
- ... reduce the number of warehouse workers by up to two-thirds?
- ... increase warehouse density by at least 100 % and get more space for goods?
- ... get a return on your investment in 1 to 3 years?

It's time to let robots roam around your racks.

WHY LEAVE YOUR WAREHOUSE TO ROBOTS?

1. You don't have to deal with seasonal labor shortages.
2. You significantly reduce errors and deficiencies.
3. You increase the safety of your workers.
4. You eliminate the risk of theft and increase the physical protection of goods.
5. You reduce energy requirements for the heating and lighting of your warehouse.
6. You increase the speed of dispatching orders.

HOW myFABER® WORKS

Do you want to start taking advantage of all the benefits of robotics in your warehouse? We will connect to your ERP or WMS and supplement them with automation processes and the option of using robots. Our **WES** integration platform myFABER® enables fast integration and control of different devices using standardized interfaces. Connecting to your existing **WMS** warehouse system is significantly easier. myFABER® **RMS** takes care of the control and task allocation for the robots, the capacity planning and management of the entire operation map. **We can integrate into any solution you are currently using.**

WHAT myFABER® CAN DO FOR YOU

Automated pallet warehouse

Technology that allows maximum storage density by reducing the space required for handling operations. Pallets are moved within the racking system by shuttle carts and the warehouse can be flexibly expanded and its capacity can be increased by increasing the number of shuttle carts.

KLT, boxes and crates

The HAIPICK robot enables the maximum use of space for storing goods and material in racks up to 10 m high. It is capable of handling different sizes of KLT boxes or goods in cardboard packaging.

Measuring and weighing

For maximum warehouse utilization and automation, knowledge of the exact dimensions and weight of the assortment are essential. This data, supplemented by photographic data, is captured fast and accurately by the state-of-the-art Cubiscan device, myFABER® Cubing or by handheld scanners.

SHIPPING

- Automated pallet picking
- Storage and assembly with palletizing or depalletizing support
- Shipping goods from crates or racks handled by robots
- High performance picking workstation
- Support for manual, semi-automatic or automatic packaging
- Completion for transport by carriers
- Manual or automated loading into transport

Pallets, large boxes

Fully autonomous robots enable the movements of pallets and boxes within the warehouse, supplying the production line or ensures the complete automation of the entire warehouse to maximize density.

RMS

Warehouse map management, operational management, planning and task allocation according to capacity

ERP

Integration to internal systems



WMS

Inventory management according to location (option to use mySTOCK® WMS)

WES, G2P

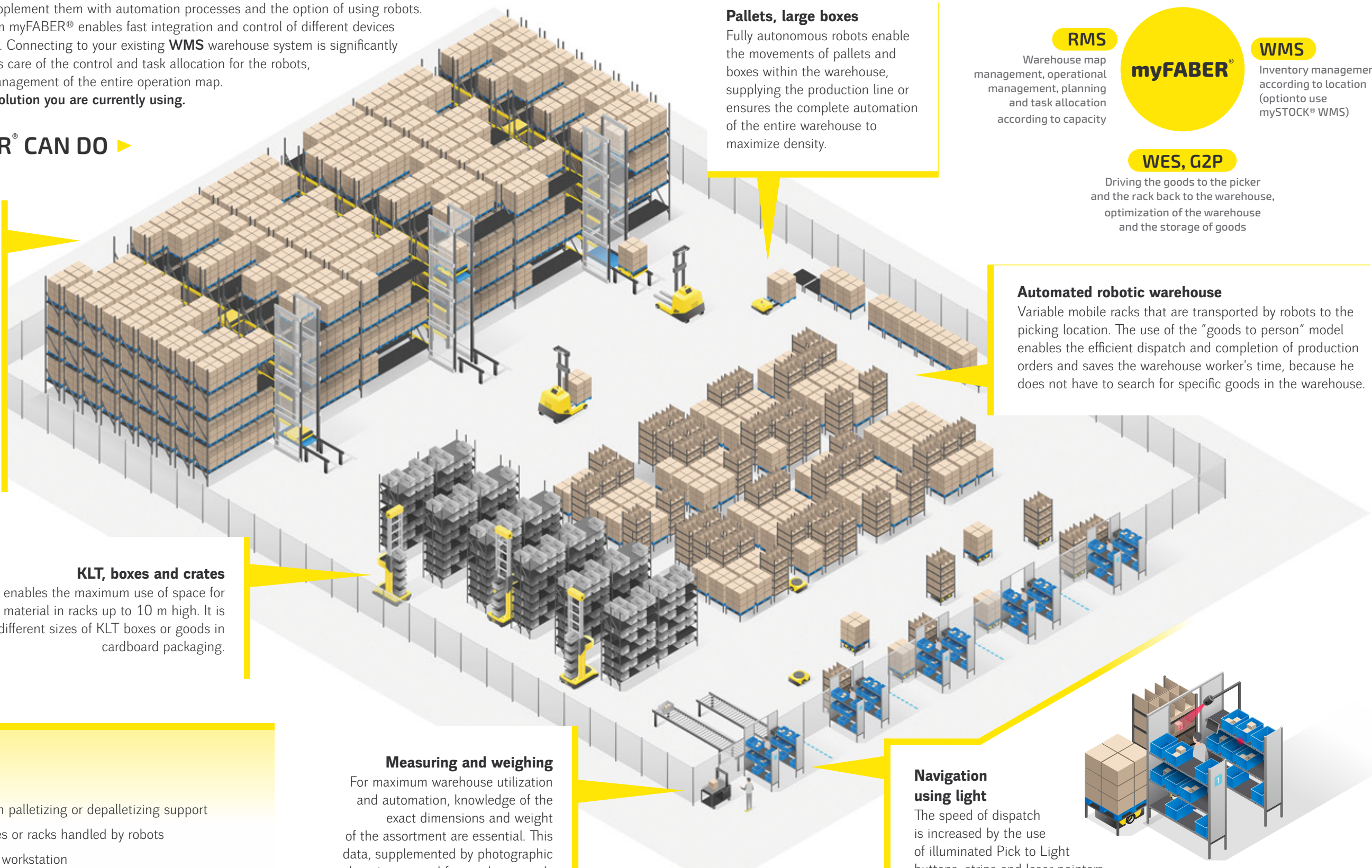
Driving the goods to the picker and the rack back to the warehouse, optimization of the warehouse and the storage of goods

Automated robotic warehouse

Variable mobile racks that are transported by robots to the picking location. The use of the "goods to person" model enables the efficient dispatch and completion of production orders and saves the warehouse worker's time, because he does not have to search for specific goods in the warehouse.

Navigation using light

The speed of dispatch is increased by the use of illuminated Pick to Light buttons, strips and laser pointers, which facilitate the handling process and minimize errors during it.



WHAT DO YOU GET WITH OUR SOLUTION?

1. Feasibility study, analysis of performance and volume parameters, calculation of investment return.
2. Logistics study of a comprehensive solution or audit of the current state with a proposal for changes.
3. For larger projects, we perform dynamic simulation of the future operation of conveyors and robotization.
4. Consultation on the selection of a warehouse and its comprehensive equipment.
5. System integration – comprehensive turnkey implementation.
6. Delivery of individual parts of the solution according to your needs and the scope of the project – WMS (mySTOCK®), iWES, G2P, RMS.
7. Reliable integration of all your ERP, WMS, B2B or B2C e-shop portals.
8. Delivery of a wide range of robots and related technologies.
9. Fast and efficient implementation thanks to ready-made solutions.
10. Possibility of advantageous financing, leasing or SaaS and RaaS model.
11. Warranty on quality and post-warranty service up to 24/7/365.
12. Assistance in processing applications for subsidies for the acquisition of modern technologies.



We operate a logistics showroom and testing center for robotics

Come and see for yourself the operation in real time. We are a founding member of the Association for Innovation in Logistics and we work with our technology partners to operate the showroom. That way you can find the latest technologies and logistics robots in one place, which we can deploy in your warehouse.

REFERENCES

We supply logistics solutions to the following companies:



The showroom is located at the logistics center in Paskov near Ostrava. For more information, including how to register for a tour, please visit myFABER.cz/showroom.

KVADOS has been here for you since 1992. We support your business as a manufacturer and supplier of custom software solutions, services and consulting. The basic principle of our cooperation is well-managed projects and the ability to understand the processes you are building on. Properly set up processes will save you time and money, bring you a competitive advantage and, most importantly, success in the market. You can count on us to provide you with expert know-how proven in an international environment. We prefer a creative and innovative approach when developing solutions.

In order to get a partner for your growth that will keep up with you in the future, the KVADOS Group was created to pool knowledge and competence to provide comprehensive solutions in intralogistics for commercial and manufacturing companies. The members of the group are: KVADOS, KVADOS Robotics, BETTAROE Robotics, PAC Technology and DERUTEX.

KVADOS, a. s.
Novoveská 1139/22
709 00 Ostrava-Mariánské Hory
Czech Republic
PHONE: +420 596 126 210 (211)
E-MAIL: obchod@kvados.cz
WEB: kvados.cz



© KVADOS, a. s. All rights reserved.
Logos and product names are trademarks or the registered trademarks of KVADOS and other holders.

mySTOCK® WMS
Unleash logic and artificial intelligence in your warehouse

myTEAM®
Digitize your business with a smart app

myAVIS® CRM
Get your sales reps moving with mobile CRM

myFABER®
Robotics is also the future of your warehouse



VENTUS® ERP
Switch to an ERP system that understands your business

myCASH® POS
A POS system for your successful retail business

myDATACENTER®
Entrust the operation of your applications to specialists