

whitepaper

TITAN ROBOTICS NEXT STEP TO AUTOMATION



TITAN DESTRAPPER

Loosening of circumferential strapping and strapping through the coil eye – for steel and plastic strap

De-strapping coils has never been easier, safer and more dependable! This completes our comprehensive product range with the best solution for opening strapping on coils.

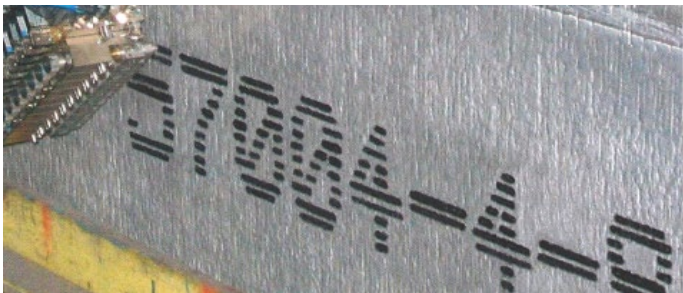
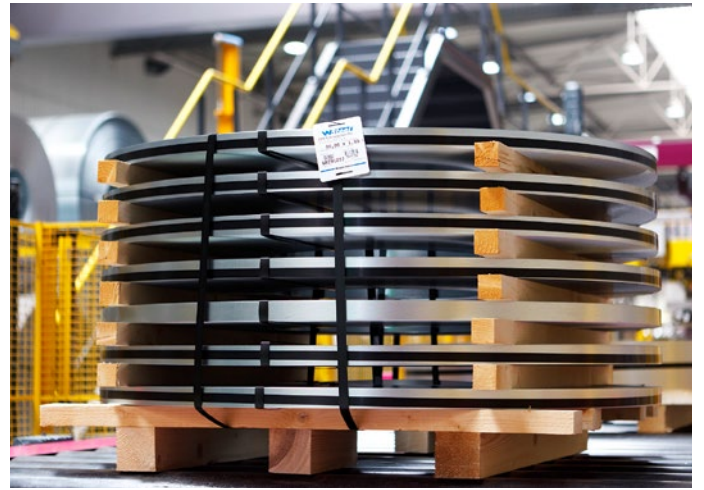
Everything under control - with robot and TITAN strap cutter.

TITAN PICK-AND-PLACE

Placing intermediate bars, pallets and cardboard layers, edge protectors

For placing intermediate bars, protective boards or a skid pallet manually, it would be necessary to re-enter the safety area each time. This interrupts the production cycle. The TITAN Pick-and-Place system solves these problems in one fell swoop. The TITAN system fetches the required number of timbers automatically and places them in the desired position. It is not necessary to re-stack (repack) the bars from the pallet into a magazine. The robot knows exactly where everything is and where it must go.

By using the TITAN robot technology, you set an important milestone in the direction of a fully automated packaging line.



TITAN SIGN

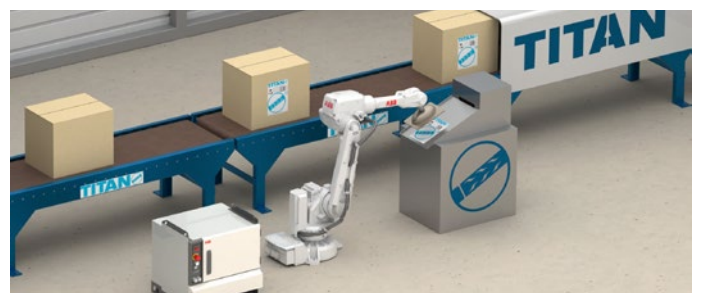
Marking of products (e.g. coils)

Every product today needs a unique identification to track the manufacturing process and the production chain at any time. This is only possible if your product is clearly identifiable by marking or labeling. The package is measured and marked according to the specified packaging key.

TITAN LABELING

Labeling of products

With our system, you can attach labels to coils, stacks of paper, cardboard rolls and much more with different dimension and in an irregular sequence.





TITAN FLEXIBLE

One robot - many different functions

With our quick-change system, we are able to master a wide variety of tasks with a robot - such as the fully automatic change from a strapping head for plastic to a strapping head for steel strap or the additional use of marking or labeling units.

Of course, pick-and-place applications are also feasible with the TITAN FLEXIBLE SYSTEM.

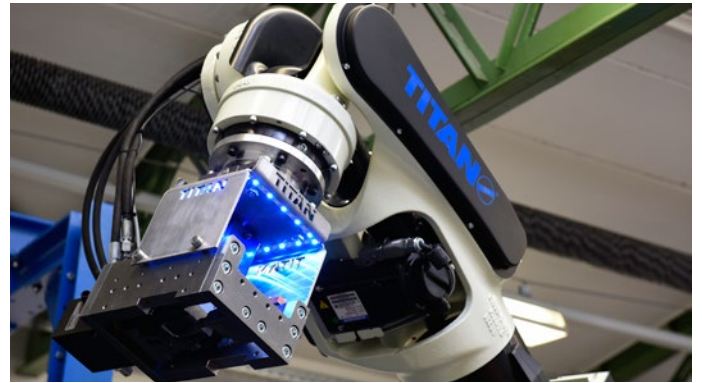
TITAN ROBOTICS

Your requirement – our solution

Have we not yet discussed your specific requirements? Please talk to us! We check the implementation options.

Our offering includes:

- Automation of packaging lines
- Pick-and-Place
- Bin picking
- Palletising
- Complete robot cells
- Collaborative robots
- Multi-robot concepts



PLANNING AND REALIZATION OF PROJECTS

Simulation, offline programming, planning, project planning

A project starts with a simulation. This allows us to check the feasibility and find any interference factors. Such simulations not only provide decisive advantages in terms of planning but also in the commissioning and operation of systems. That is why simulation programs are gaining acceptance.

Realization

We implement your applications on our premises. As far as possible, we make use of our existing and proven components. However, we can also design and manufacture individual tools for you – precisely tailored to your requirements. Our high degree of vertical integration guarantees you first-class quality. FAT (Factory Acceptance Testing) at TITAN reduces on-site assembly and commissioning time to a minimum.



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