



**GIETART**  
*Robotic Handling System*  
ECO 1504 - RHS

# Automate your handling for the shot blasting process

Reduction of  
handling activities



**KALTENBACH**

POWERFUL SOLUTIONS - PASSIONATE PEOPLE

 [www.kaltenbach.com](http://www.kaltenbach.com)



Smart solution for fast and easy handling of steel parts. Fully automatic production, avoiding hard and unergonomic labor. The combination of robot, magnetic gripper and optical vision system allows to organize a precise, reliable and versatile production process. An unique combination of increasing productivity and improving the working conditions of your employees. This new system enables to reduce your internal logistic and handling costs considerably.

- > EXCEPTIONAL RELIABILITY AND MAXIMUM UPTIME
- > MOST ENVIRONMENTALLY FRIENDLY SOLUTIONS
- > LOWEST COST OF OWNERSHIP



**KALTENBACH  
PROMISES**

## BENEFITS AT A GLANCE

- > Suitable for loading and unloading products on racks
- > Hybrid solution – during shot blasting of beams, racks can be filled automatically
- > Optimal shot blaster filling
- > Increased uptime of shot blaster
- > Enables unmanned production
- > Enhanced ergonomics
- > Improves the economics of your production
- > User-friendly system, easy to maintain
- > Option for refit in existing solutions
- > Reduction of open slots in shot blasting process

**FULLY AUTOMATED LOADING AND UNLOADING OF TRANSPORT RACKS**

**Innovative robot with magnetic gripper and vision system for loading and unloading steel parts**

**■ We know how to boost your efficiency and productivity**



- SMART HANDLING OF RACKS
- MAXIMUM PROCESS AND PLANNING CERTAINTY
- HIGH PRODUCTION FLEXIBILITY
- LOW RUNNING COSTS, HIGH PERFORMANCE



## FEATURES



**Magnetic gripper**

- Magnetic handling of metal parts



**Optical detection system**

- Measuring the components and position
- Transmitting the coordinates to the robot for picking and placing



**Robot controller**

- Controlling the robot cell including platform and safety guards



**Safety area**

- Protecting persons against moving parts of machine and equipment
- Preventing damage to machines and equipment

## HARD FACTS

GIETART Robotic Handling System		ECO 1504 - RHS
Maximum product weight	kg	75
Component size: min. /max.	cm	10 x10 / 80 x120
Parts		always magnetic
Parts		must always have a level surface so that the magnetic gripper can pick them up
Material class		steel
Working processes		plate material and components



### Creating value via software

From unique machine software to complete management information systems, KALTENBACH will be your system supplier.



### Efficient material handling

Designed to ensure an optimal process flow, and therefore the most effective processing of material in your production area.

## REFIT AND UPGRADE

Ask your local KALTENBACH partner what is feasible. Our specialists worldwide are available to support your project.



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