

Hydromechanical Descaling Systems



Suitable for

- > Ring rolling mills
- > Wheel rolling mills
- > Billet rolling mills
- > Section rolling mills
- > Rail rolling mills
- > Strip rolling mills
- > ...Descaling after every kind of heat treatment

Advantages

- > Best descaling quality
- > Lowest energy consumption
- > Highest reliability
- > Increase of safety standards

Concept

- > Innovative entire system
- > Entire system from a single manufacturer
- > Proven pump and system technology
- > Maintenance-friendly construction



Everywhere near you

We are always at your service: our subsidiary Hauhinco LP in Evans City, PA, USA and partners in many mining and industrial regions.

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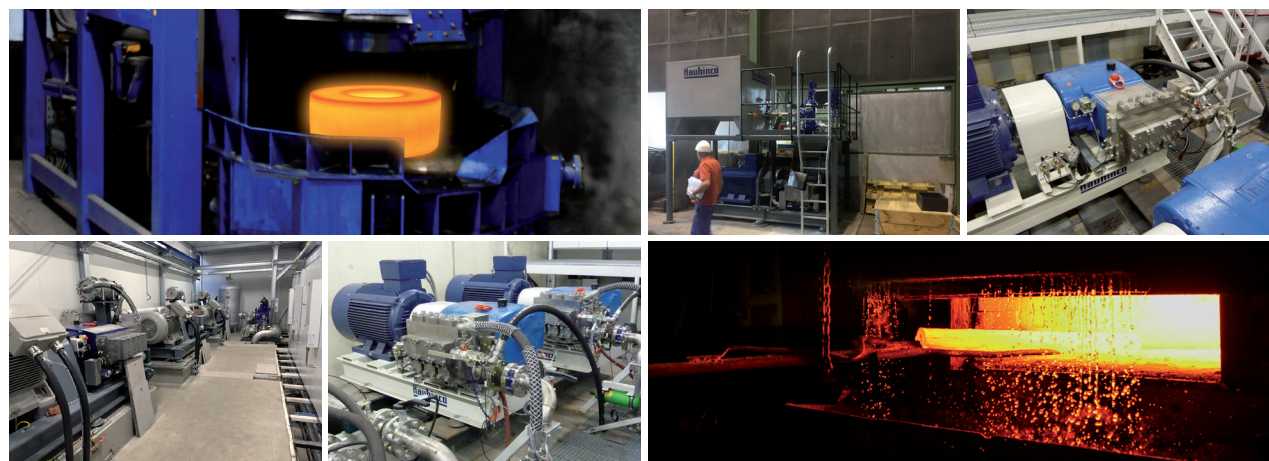
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Hydromechanical
Descaling Systems for
thermoformed metals



Key Features and benefits

Features and benefits

- > Demand-dependent water and energy consumption
- > Complete turnkey system
- > Suitable for steel, stainless steel, copper alloys and other non-ferrous metals
- > Customized design for all product shapes and sizes
- > System optimization through pressure control

Quality improvement

- > Better surface quality compared to other systems
- > Reduction of material additions for subsequent mechanical treatment

Reduction of operating costs

- > Significantly lower energy costs than conventional systems
- > Fast amortization of investment costs

Higher reliability

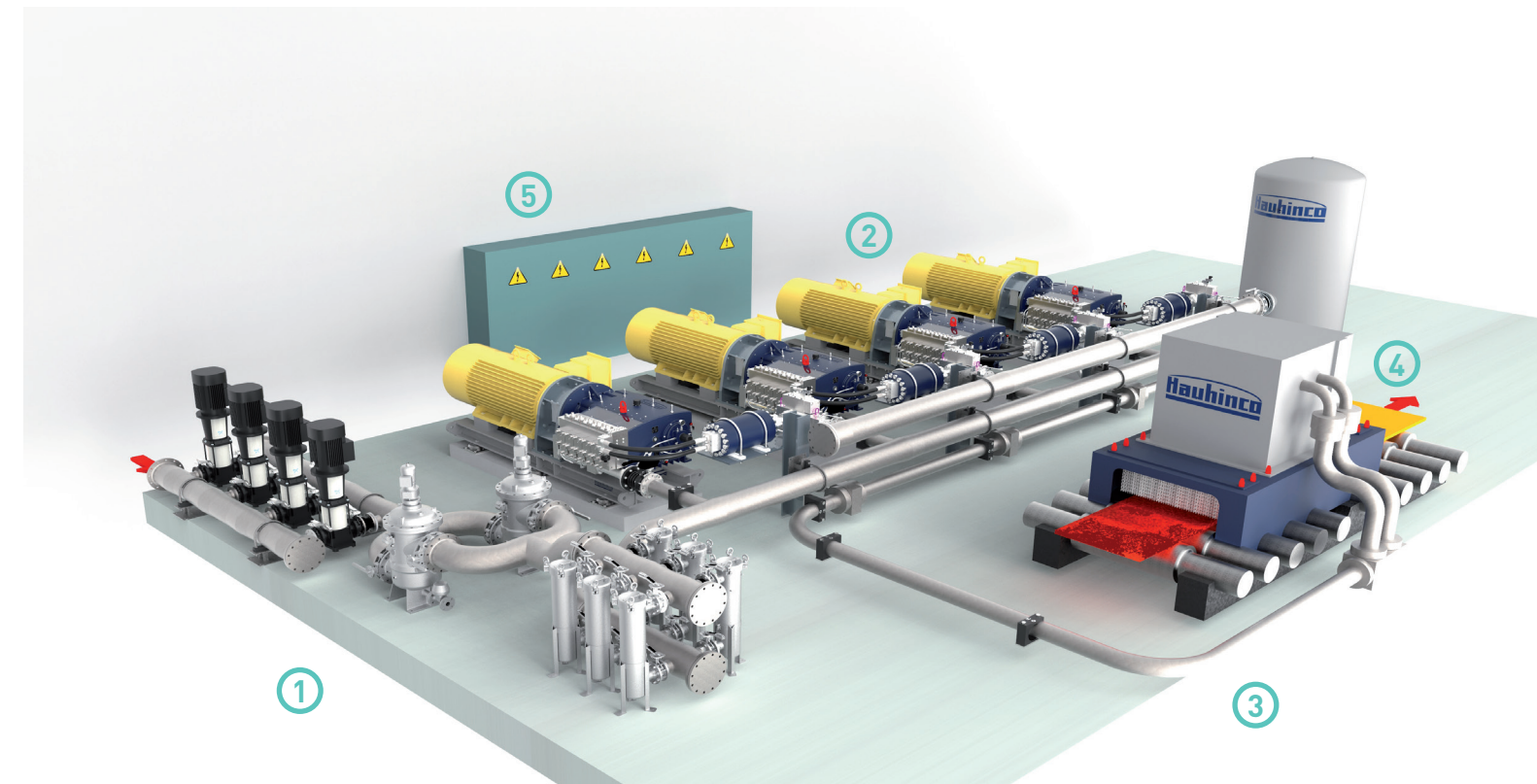
- > Online monitoring of the pump / nozzle system
- > Stainless steel piping prevents rust formation / clogging of the nozzles
- > Proven plunger pump technology

Increased safety

- > Reliable complete system from single manufacturer
- > Safe system without high-pressure accumulators



Innovative entire systems



Components from the HAUHINCO entire systems

- ① Water treatment with filters
- ② High-pressure pumps
- ③ High-pressure piping system
- ④ Descaling box with innovative nozzle bars
- ⑤ Automation system

Application examples

Descaling System for a ring rolling mill

- > Simultaneous descaling of all product surfaces
- > Material savings of 30%
- > Design for a wide range of products
- > Shortest descaling time of less than 4 seconds
- > Adjustable descaling performance
- > Simple feeding with rings and easy integration into the existing production line
- > Good accessibility of all system components
- > Waiver of high-pressure accumulators



Descaling system in a flat rolling mill

- > Best descaling result
- > Significant energy savings
- > Short-term return on investment (ROI)
- > Maintenance-friendly and innovative nozzle technology
- > Improved plant safety

