



METALS

ECOMode

**THE NEW ENERGY SAVING SYSTEM
FOR PICKLING AND HCL ACID RECOVERY**

ANDRITZ

ENGINEERED SUCCESS

Clean competence – less energy, less resources, higher capacity

Save 25% energy and reduce your emissions by up to 25% or decide to increase your regeneration capacity up to 30% with your existing plant. ECOmode, the newly developed process for HCl acid regeneration plants is available for new installations and also for existing plants.

SAVE ENERGY AND REDUCE EMISSIONS

The newly developed process for HCl acid regeneration plants represents the next big step in a series of improvements, and can not only be used for new installations, but also for existing plants. Attractive service packages to upgrade running systems are available, with low initial investment and including long-term support via remote diagnosis, effective personnel training and regular site visits from our experts. Our patented ECOmode demonstrates its enormous potential. Fuel consumption and emissions are reduced by 25%. Alternatively, you can ramp up your production by the same amount. On existing installations, the upgrade comprises of measures for both the equipment and the control software.

CHOOSE US AS PARTNERS

ANDRITZ Metals is one of the leading global suppliers of complete lines for the production and processing of stainless steel, carbon steel, and non-ferrous metal strip. These lines consist of equipment for cold rolling, heat treatment, surface finishing, strip coating and

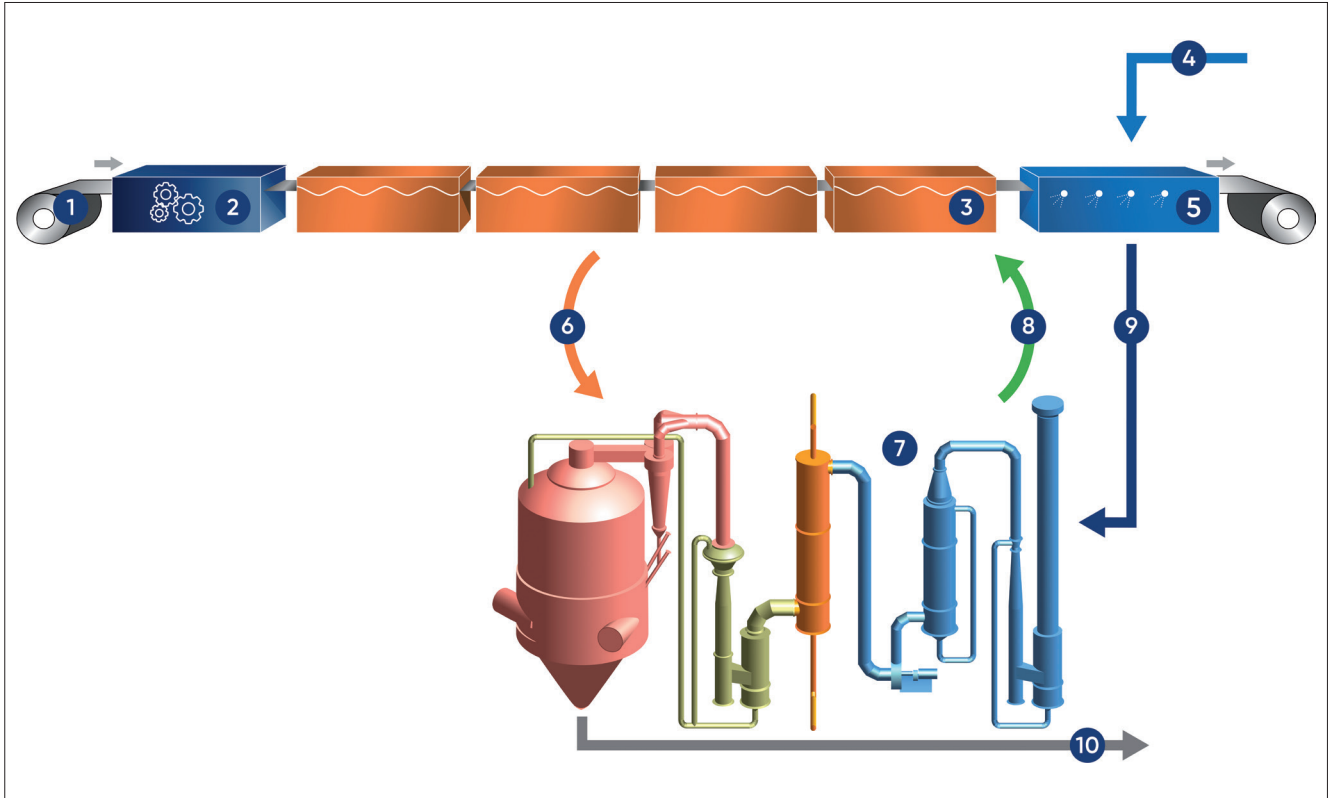
finishing, punching and deep drawing, and for the regeneration of pickling acids. In addition, the business area supplies turnkey furnace systems for the steel, copper, and aluminum industries, as well as laser and resistance welding equipment for the metalworking industry.

BE ONE STEP AHEAD WITH ANDRITZ!



ECO *mode*





PICKLING LINE COMPONENTS

- 1 Steel 2 Mechanical coil equipment 3 Pickling baths 4 Fresh water 5 Rinsing 6 Waste acid
 7 Regeneration plant with *ECOmode* 8 Recovered HCl acid 9 Rinse water 10 Metal oxide

SYSTEM HIGHLIGHTS

- 25% reduction in fuel consumption
- 25% reduction in emissions
- Attractive upgrade service packages
- Remote diagnosis
- Modular arrangement





ENGINEERED SUCCESS FOR FLAT PRODUCT PROCESSING

AUSTRIA

ANDRITZ AG

p: +43 50805 55408

ecomode@andritz.com

[ANDRITZ.COM/METALS](https://www.andritz.com/metals)

ANDRITZ

All data, information, statements, photographs and graphic illustrations in this leaflet are without any obligation and raise no liabilities to or form part of any sales contracts of ANDRITZ AG or any affiliates for equipment and/or systems referred to herein. © ANDRITZ AG 2020 All rights reserved. No part of this copyrighted work may be reproduced, modified or distributed in any form or by any means, or stored in any database or retrieval system, without the prior written permission of ANDRITZ AG or its affiliates. Any such unauthorized use for any purpose is a violation of the relevant copyright laws. ANDRITZ AG, Stattegger Strasse 18, 8045 Graz, Austria. ME-ECOMode_en_2019

