METALS

CARBON STEEL PICKLING LINES

FROM HOT ROLLED COILS TO VALUE ADDED PRODUCTS
CONTINUOUS PICKLING LINES
As a pioneer in the design and manufacture of polypropylene pickling tanks, ANDRITZ redefined shallow-tank and turbulent pickling. Many years of experience worldwide in revamping, processing, and full turnkey supply of continuous pickling lines – also as a part of pickling line and tandem cold mills (PLTCM) – form the basis of our customers’ satisfaction, which is our top priority. The optimized pickling process with individual circulation and heating system ensures minimized consumption of utilities, while the result is always a scale-free strip surface.

Our continuous pickling lines (CPL) are designed for strip gauges from 0.8 mm to 6.5 mm and strip widths of up to 2,100 mm in different steel grades. Our lines for carbon steel serve capacities of over 2,000,000 tons/year and pickling speeds of up to 400 meters/minute.

PUSH PICKLING LINES
Push pickling lines were developed and introduced to the industry by ANDRITZ Ruthner in 1965. Since then, ANDRITZ Metals has built more push pickling lines worldwide than any other supplier.

The advantage of the push picking line (PPL) is its high flexibility combined with high productivity at low investment costs. Cost-intensive equipment, like welding machines, loopers, and bridle rolls, is not required. The shallow pickling tank design ensures high turbulence and reduced pickling time.

ANDRITZ Metals push-pickling lines are capable of processing strip thicknesses from 0.8 mm to 16 mm and strip widths of up to 2,100 mm, with different steel grades and dimensions, coil by coil, and in direct succession. We have supplied lines for carbon steel with a maximum capacity of up to 1,000,000 tons/year. The optimized pickling process, with individual circulation and heating system, ensures minimized consumption of utilities, while delivering a fully pickled and defect-free strip surface.

With the installation of a new push pickling line for stainless steel, ANDRITZ Metals has broken new ground. Its main features include four shot blasting machines, two brush scrub machines, and polypropylene pickling tanks. Many years of experience in design, manufacture, and commissioning demonstrate our expertise in supplying customized turnkey solutions.

DECADES OF EXPERIENCE
The concepts and technology from decades of experience, and the specific needs in the different application fields drive us to new ideas and specialized solutions. Together as partners we want to condition, treat, and shape the material to its best.

Carbon steel and the vast variety of applications
Today, ANDRITZ pickling technology prevails on the world market as a synonym for high productivity, low investment costs, and highest production flexibility. Continuous pickling lines (CPL) in their current design were defined widely and decisively by ANDRITZ Ruthner.

References
STEEL PRODUCER, CHINA
Continuous pickling line

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STEEL PRODUCER, NORTH AMERICA
Push pickling line

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CUSTOMER BENEFITS
- Mechanical, process, electrical, and automation equipment
- All services provided from a single source
- High-turbulence Venturi pickling
- Compact rinse based on intensive research
- Modular arrangement
- Improved development and design provide long equipment life
- Vast know-how and continuous further developments make ANDRITZ the leading supplier of HCl pickling technology.
ENGINEERED SUCCESS
FOR FLAT PRODUCT PROCESSING

EUROPE
ANDRITZ AG
p: +43 50805 55325
carbon.processing@andritz.com
ANDRITZ Metals Germany GmbH
p: +49 2372 54 0
sundwig_welcome@andritz.com
ANDRITZ Metals France S.A.S.
p: +33 1 4080 34 00
welcome.selas@andritz.com

ASIA
ANDRITZ Technologies Pvt. Ltd.
p: +91 80 4666 9600
atech@andritz.com
ANDRITZ Technologies Pvt. Ltd.
p: +91 33 23232165/66
atech@andritz.com

CHINA
ANDRITZ (China) Ltd. Shanghai
p: +86 21 3108 9388
andritz.shanghai@andritz.com
ANDRITZ AG Beijing
p: +86 10 8526 2720
andritz.cn@andritz.com

ANDRITZ.COM

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