



HIGH-PERFORMANCE SHAPE:TRONIC SYSTEM

Repair, exchange and upgrade solutions

ANDRITZ



Installation of 20-High Cold Rolling Mill in Germany

Full services for shape:tronic system

Highest availability and performance of production equipment are a must for today's metal strip producers. In metal rolling the shapemeter rolls are essential to ensure excellent strip quality at the highest specific production rates.

Like other key components, all shapemeter rolls require regular maintenance to keep them in good operating condition. Repair, exchange or upgrade measures prevent safety and quality issues and keep the machine performance at the highest level.

OUR OFFER

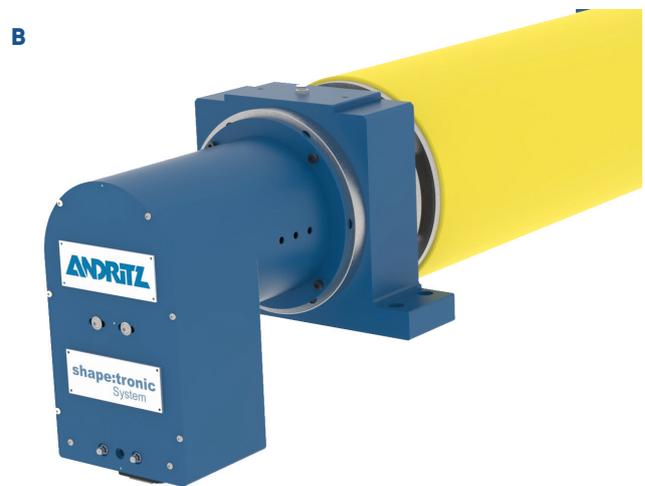
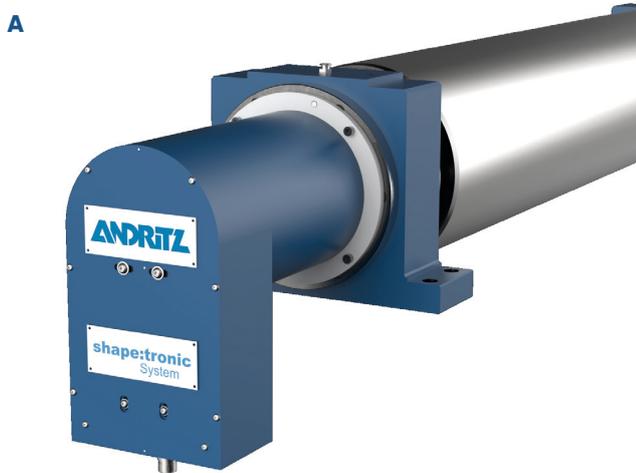
- Know-how from a full line shapemeter roll supplier with tailor-made solutions for highly demanding strip producers
- Extensive experience in maintaining, repairing and upgrading of shapemeter rolls installed in various applications
- State-of-the-art ANDRITZ manufacturing and repair facilities
- Advanced test stands to ensure that shapemeter rolls supplied to customers have undergone full-scope testing
- Highly qualified local service engineers

Competence-Centre for all kind of services

ANDRITZ is a high-quality shapemeter roll supplier. The experience we have gathered over the decades is based on rolls we have manufactured for numerous rolling mills.

As the original manufacturer ANDRITZ has extensive roll service expertise and is specialized in the re-

pair, reconditioning, and upgrading of all types of our shapemeter rolls. We have workshop facilities around the world equipped with advanced test stands and tools. For all site services we can dispatch experienced technicians equipped with advanced tools for system checks and inspections.



- A** Steel surface
- B** Rubber coated roll surface
- C** Chromium plated surface
- D** Tungsten carbide plated surface

"45 years of experience and continuous improvement have made us the market leader in shape measurement and shape control systems. And it is 100% made in Germany.

With our great team of 35 shape:tronic experts working exclusively for the product, we always ensure perfect service – worldwide."

RALF GUTSCHE

Product Segment Manager shape:tronic



Example for a rubber covered shapemeter roll in a strip processing line

shape:tronic system service capabilities

STANDARD APPROACH

Our service specialists check and analyse the roll and issue an inspection report. Based on the report, an offer is compiled containing an action plan in order to select the corrective measures – repair, upgrade or exchange. Quality control including full-function testing on test stands, installation support and logistics services complete the ANDRITZ shapemeter service approach.

MAINTENANCE, RECONDITIONING AND REPAIR

Repairs including but not limited to

- Recondition bearing and bearing seats
- Grinding
- Balancing
- New covers, plating and coatings

UPGRADE SOLUTIONS

- Shapemeter rolls
- Computer systems hard- and software

REPLACEMENT OF ROLLS AND COMPUTER SYSTEMS

Performance improvement

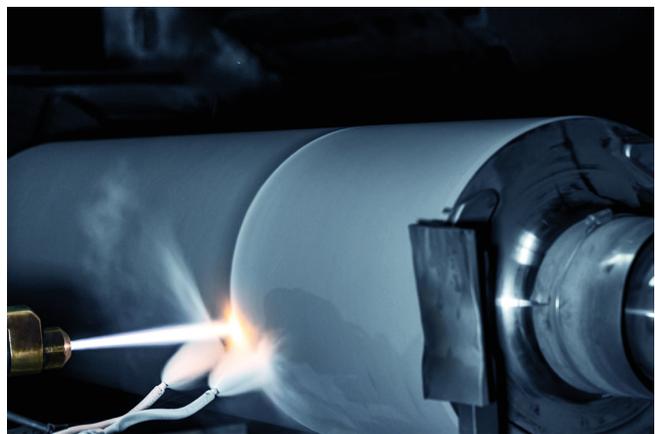
- Increased production
- Increased strip quality
- Adapting to new operating conditions for e. g. new material grades

SPARE PART STOCK AT ALL LOCAL HUBS

- Fast spare part supply
- Original spare parts
- No stock costs for our customers



Grinding of a shapemeter roll



Tungsten carbide plating on a shapemeter roll



WELL DONE

Example of an upgrade service work provided: The 21-year old shapemeter roll was fitted with a latest-generation of shape:tronic system rotary transmitter unit (STS-RTU) and is now working again perfectly.



Central box of a shape:tronic system roll



SMART SERVICE WITH METRIS REMOTE ASSISTANCE (RAS)

The increasing complexity and diversity of plant require intelligent tools for commissioning and maintenance. RAS offers everything you need for remote communication needed: Audio, video, chat, the sharing of documents and moreover especially the possibility necessary files, such as drawings, directly into the field

of view or to add virtual markers. With this tool it is not required that our experts a physically on site. They can guide the local service personal via remote.

In addition, ANDRITZ offers the ANDRITZ XR Customer Application with additional functions like, AR guided training, 3D explosion view, AR collaboration mode and additional onsite machine live data.

SCAN AND LEVELLING SERVICES

The correct alignment and levelling of all rolls are very important to ensure right shape measurement and strip guiding.

With our advanced equipment, we can offer you both accurate 3D-Laser-scanning of your equipment or Laser-scanning of your roll geometry.





ANDRITZ METALS

ANDRITZ Metals Processing is a global leader in providing cutting-edge solutions for the production and processing of cold-rolled strip made of carbon steel, stainless steel, aluminum, and other non-ferrous metals. Our innovative technologies and comprehensive services ensure that we support our customers at every stage of the plant life cycle, from initial setup to ongoing maintenance and optimization.

We combine our deep industry expertise with advanced automation and digitalization to help our customers achieve peak performance and sustainable growth. Our service business is dedicated to maximizing the efficiency and longevity of your equipment, ensuring you stay ahead in a competitive market.

ANDRITZ. FOR GROWTH THAT MATTERS.

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