

March 18, 2026

ANNUAL REPORT

## WR-ROLLS Annual Heat Treatment Report

This report contains forward-looking statements concerning future business operations, market demand, industrial development trends, and production activities. These statements are based on current expectations and assumptions of WR-ROLLS management and involve certain operational risks and uncertainties.

WR-ROLLS, a specialized provider of roll heat treatment solutions for the ERW pipe industry, announces its 2025 annual operating and sales results.

### 2025 Annual Sales Summary Results

(tons)

Material Category	FULL 2025	Share
Standard Tool Steel	5,421.873 tons	68.7%
High Alloy Tool Steel	2,472.648 tons	31.3%
Total Output	7,894.521 tons	100%

### Annual Material Composition Ratio

(%)

Material	Ratio	Material	Ratio
Cr12	26%	SKD11	23%
65Mn	20%	H13	6%
GCr15	12%	Other	3%
9Cr2Mo	10%		

During 2025, WR-ROLLS continued to strengthen its position in the field of roll heat treatment services through stable production operations, continuous process optimization, and increasing demand for high-performance wear-resistant tool steel applications.

Total annual heat treatment output reached 7,894.521 tons during the year. Standard Tool Steel products remained the Company's primary production segment, while High Alloy Tool Steel products continued to expand their proportion of total output, reflecting growing industrial demand for advanced wear-resistant materials and high-performance roll applications.

Among processed materials, Cr12 remained the largest material category during 2025 due to its stable wear resistance performance and broad application in ERW forming and sizing rolls. At the same time, SKD11/D2 high wear-resistant tool steel products accounted for 23% of annual processed material volume, reflecting continued market demand growth for longer roll service life, improved hardness stability, and higher wear resistance performance in demanding industrial operating conditions.

## Management Commentary:

Demand for high alloy tool steel materials continued to increase throughout the year as industrial customers increasingly focused on operational efficiency, roll durability, dimensional stability, and production reliability. H13, GCr15, and 9Cr2Mo materials also maintained stable demand in precision tooling, heavy-load applications, and industrial wear-resistant components.

Throughout 2025, WR-ROLLS maintained stable vacuum furnace operations, consistent heat treatment quality, and reliable production efficiency across all processed products. The Company continued to strengthen its capabilities in advanced vacuum heat treatment technologies, high alloy tool steel processing, and high-performance industrial roll applications in order to support long-term industrial customer requirements and future industrial upgrading trends.

To support the continued expansion of high-performance tool steel applications, WR-ROLLS plans to commission two new high-capacity vacuum quenching furnaces in 2026, further strengthening the Company's heat treatment capabilities and production capacity.

## Market Outlook:

The future of industrial heat treatment is increasingly moving toward intelligent vacuum heat treatment technologies, precision process control, lower deformation rates, and high-performance tool steel applications.

As industrial customers continue to demand longer roll service life, higher wear resistance performance, dimensional stability, and consistent product quality, advanced vacuum heat treatment solutions and high alloy tool steel processing are expected to become increasingly important across the global roll manufacturing and industrial tooling sectors.

Looking ahead, WR-ROLLS will continue to focus on precision heat treatment technologies, digital process optimization, high wear-resistant roll solutions, and next-generation industrial manufacturing requirements.

## For further information

For further information regarding WR-ROLLS and its roll heat treatment services, please visit [www.wr-rolls.com](http://www.wr-rolls.com).

## Contact Information:

WRD Group WR-ROLLS  
International Trade Department  
Tel: [+86 13290661997](tel:+8613290661997)  
Email: [info@wr-rolls.com](mailto:info@wr-rolls.com)  
Website: [www.wr-rolls.com](http://www.wr-rolls.com)

## Company Profile

WR-ROLLS is a specialized provider of roll heat treatment solutions for the ERW pipe industry, focusing on vacuum heat treatment services for tool steel rolls, high wear-resistant roll products, and precision tooling components.

The Company serves customers in the steel pipe, roll manufacturing, and industrial tooling sectors, with continued focus on product quality, hardness stability, and wear resistance performance.