

1 Q4 2025 Sales Overview

During Q4 2025, WR-ROLLS maintained stable operations in the field of roll vacuum heat treatment. Despite the year-end production adjustment period and slower manufacturing activity in certain markets, the Company continued to achieve strong quarterly production performance driven by stable demand from the ERW pipe industry and high-performance roll applications.

During the quarter, the Company continued to focus on vacuum heat treatment services for ERW pipe forming rolls, sizing rolls, high wear-resistant tool steel rolls, and precision tooling components.

Total heat treatment output during Q4 2025 reached:

2,031.730 tons

Maintaining a high operational level during the second half of 2025.

Including:

- Standard Tool Steel: approximately 66.8%
- High Alloy Tool Steel: approximately 33.2%

This reflected the continued expansion of high-end vacuum heat treatment demand and stable growth in high alloy roll applications.

3 Q4 2025 Material Structure Analysis

During Q4 2025, Cr12 and SKD11 remained the Company's major processed materials, accounting for a significant proportion of the total quarterly production volume.

Among them:

- Cr12 continued to be widely used for ERW forming rolls and sizing rolls.
- SKD11 high wear-resistant tool steel maintained strong demand in high-performance roll applications.
- 65Mn remained stable in guide roll and auxiliary roll applications.
- H13 hot work tool steel continued to expand in high-temperature and heavy-load working positions.

As customers increasingly focused on roll durability, dimensional stability, and production efficiency, demand for high alloy tool steel heat treatment services remained at a high level throughout Q4 2025.

6 Main Heat Treatment Products

The primary processed products during Q4 2025 included:

- ERW forming rolls
- Sizing rolls
- Guide rolls
- Straightening rolls
- High-frequency welding wear-resistant components
- High wear-resistant tooling and die components

8 Contact Us

WRD International Trade Department

- Contact Person: Shijie Cong
- Tel: +86 13290661997
- What's app: +64 0204409775
- Email: info@wr-rolls.com

2 Q4 2025 Production Summary Results

(tons)

Material Category	Q4 2025
Standard Tool Steel	1,356.391
High Alloy Tool Steel	675.339
Total Output	2,031.730

4 Q4 2025 Material Composition Ratio

Material	Ratio
Cr12	27%
SKD11	23%
65Mn	20%
GCr15	11%
9Cr2Mo	8%
H13	7%
Other	4%

5 Q4 2025 Sales Characteristics

- Q4 orders were mainly driven by year-end production demand and equipment maintenance requirements in the ERW pipe manufacturing industry.
- Cr12 remained one of the Company's dominant materials due to its balanced wear resistance and cost efficiency.
- SKD11 high wear-resistant materials continued to maintain stable growth in high-end roll applications.
- The proportion of vacuum heat treatment business remained high, especially for high-performance tooling and wear-resistant components.
- Vacuum furnace operations remained stable throughout the quarter, ensuring consistent hardness stability and dimensional precision.
- Demand for H13 hot work tool steel remained stable in high-temperature and heavy-load applications.
- Compared with Q3 2025, the material structure became more balanced, reflecting stable market demand across multiple roll material categories.

7 Main Heat Treatment Processes

- Vacuum quenching
- High-temperature tempering
- Deep cryogenic treatment
- Stress relieving
- High-hardness stabilization treatment