

1 Q1 2025 Sales Overview

During Q1 2025, WR-ROLLS maintained stable sales operations in the field of roll vacuum heat treatment. Despite the impact of the Spring Festival holiday and fluctuations in manufacturing activity during the early quarter, the Company's overall heat treatment business continued to show stable growth.

During the quarter, the Company's primary business focused on vacuum heat treatment services for ERW pipe rolls, high wear-resistant tool steel rolls, and precision tooling components.

Total heat treatment output during Q1 2025 reached:

1,658.349 tons

Including:

- Standard Tool Steel: approximately 71.6%
- High Alloy Tool Steel: approximately 28.4%

This reflected stable demand for high-end vacuum heat treatment services.

3 Material Sales Structure Analysis

During Q1 2025, Cr12 and 65Mn remained the Company's primary processed materials, accounting for the majority of quarterly production volume.

Among them:

- Cr12 was mainly used for ERW forming rolls and sizing rolls.
- 65Mn was mainly used for guide rolls and general wear-resistant rolls.
- Demand for SKD11/D2 type materials remained stable and continued to increase gradually.
- H13 hot work tool steel was mainly applied in high-temperature and heavy-load working positions.

As the ERW pipe industry continued to demand longer roll service life and higher wear resistance, demand for high alloy tool steel heat treatment services continued to grow steadily.





6 Main Heat Treatment Products

The primary processed products during Q1 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

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2 Q1 2025 Sales Summary Results (tons)

Material Category	Q1 2025
Standard Tool Steel	1,187.436
High Alloy Tool Steel	470.913
Total Output	1,658.349






4 Q1 2025 Material Composition Ratio

Material	Ratio
Cr12	29%
65Mn	24%
SKD11 / D2	16%
GCr15	13%
9Cr2Mo	10%
H13	5%
Other	3%




5 Q1 2025 Sales Characteristics

- Q1 orders were mainly driven by ERW roll replenishment demand before and after the Spring Festival period.
- Cr12 remained the dominant material during the quarter due to its balanced wear resistance and cost efficiency.
- Orders for high alloy tool steel products continued to grow steadily, especially for SKD11/D2 type high wear-resistant materials.
- The proportion of vacuum heat treatment business continued to increase, while demand for high-performance tool steel products expanded gradually.
- Vacuum furnace operations remained stable throughout the quarter, ensuring consistent heat treatment quality and hardness stability.

7 Main Heat Treatment Processes

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

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