



**RASHEED STEEL**

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# COMPANY INTRODUCTION

Since our inception over 3 decades ago, Rasheed Steel has been on the forefront of producing high quality steel bars in Pakistan since 1990. Rasheed Steel was founded on the vision of contributing to Pakistan with international standard steel bars manufactured through modern technology and continuous innovation.

Our vertically integrated plant has a production capacity of over 120,000 tons per annum.

We use high quality imported scrap for our energy efficient green-induction furnace to produce prime billets for our steel production. Our Deformed Supreme, Elite and Magnum bars conform to American and British standards.



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## MISSION

Our mission is to become the pioneers of Pakistan steel industry, by delivering unmatched value through ethical practices and to fuel the nation's growth and prosperity.

Rasheed Steel is dedicated to setting benchmarks in the steel sector by emphasizing responsibility, innovation, and a commitment to quality.

## VISION

Rasheed Steel aspires to epitomize integrity, advanced technology, and adopt environmentally sustainable business practices.

The company is committed to transforming the steel industry and contributing significantly to Pakistan's economic development by investing in human capital, communities, and technological innovation.

We believe that sustainable profitability and stability are achievable through the unwavering adherence to the highest standards of honesty and integrity.





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## MESSAGE FROM THE CEO

Greetings,

As CEO of Rasheed Steel, I am proud to lead a team that stands at the forefront of innovation and quality in the steel industry. At Rasheed Steel, we understand the important role our products play in building the future of Pakistan. We promise strength, reliability and sustainability through our products and service. This commitment is the foundation of our mission to contribute to Pakistan with structures that not only stand the test of time but also promote environmental stewardship.

At Rasheed Steel, our success is deeply rooted in our people, a team driven by integrity, innovation, and a relentless pursuit of quality. We are dedicated to continuously advancing our operational processes by adopting modern technologies and fostering a culture of continuous improvement.

As we move forward, I believe that the markets in Pakistan hold great potential, particularly the steel industry. We remain focused on expanding our capabilities and strengthening our relationships with our partners to meet this growing demand.

Your trust and collaboration inspire us as we work together to shape a stronger, more sustainable future. Thank you for your continued support and confidence in our vision.

Sincerely,

**Ali Ahmed**

CEO, Rasheed Steel





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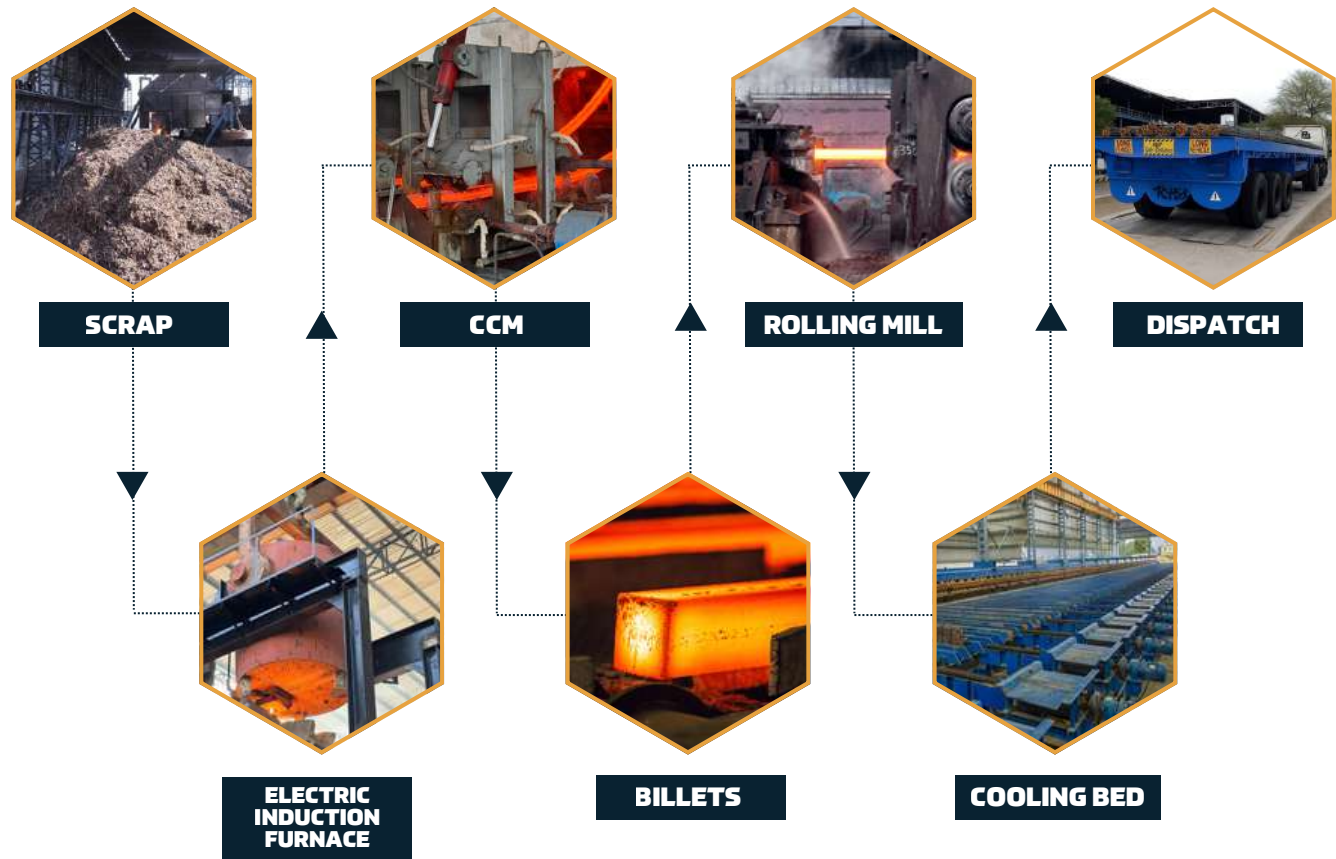
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# STEEL MAKING PROCESS

The company achieves its high standard of production through a rigorous process of manufacturing. High quality scrap is obtained that is melted in our very own environmentally friendly Green Furnace, after which the molten steel is conveyed to Continuous Casting Machines (CCMs).

These advanced machines then convert those molten steel into hardened billets ready for the CRM (Continuous Rolling Milling) process. The chemical composition is carefully monitored to achieve high quality prime billets. These hot rolled billets are conveyed to the automatic mill where they are converted into steel bars through a direct rolling process.

This vertical approach empowers the company to produce high quality steel bars efficiently.







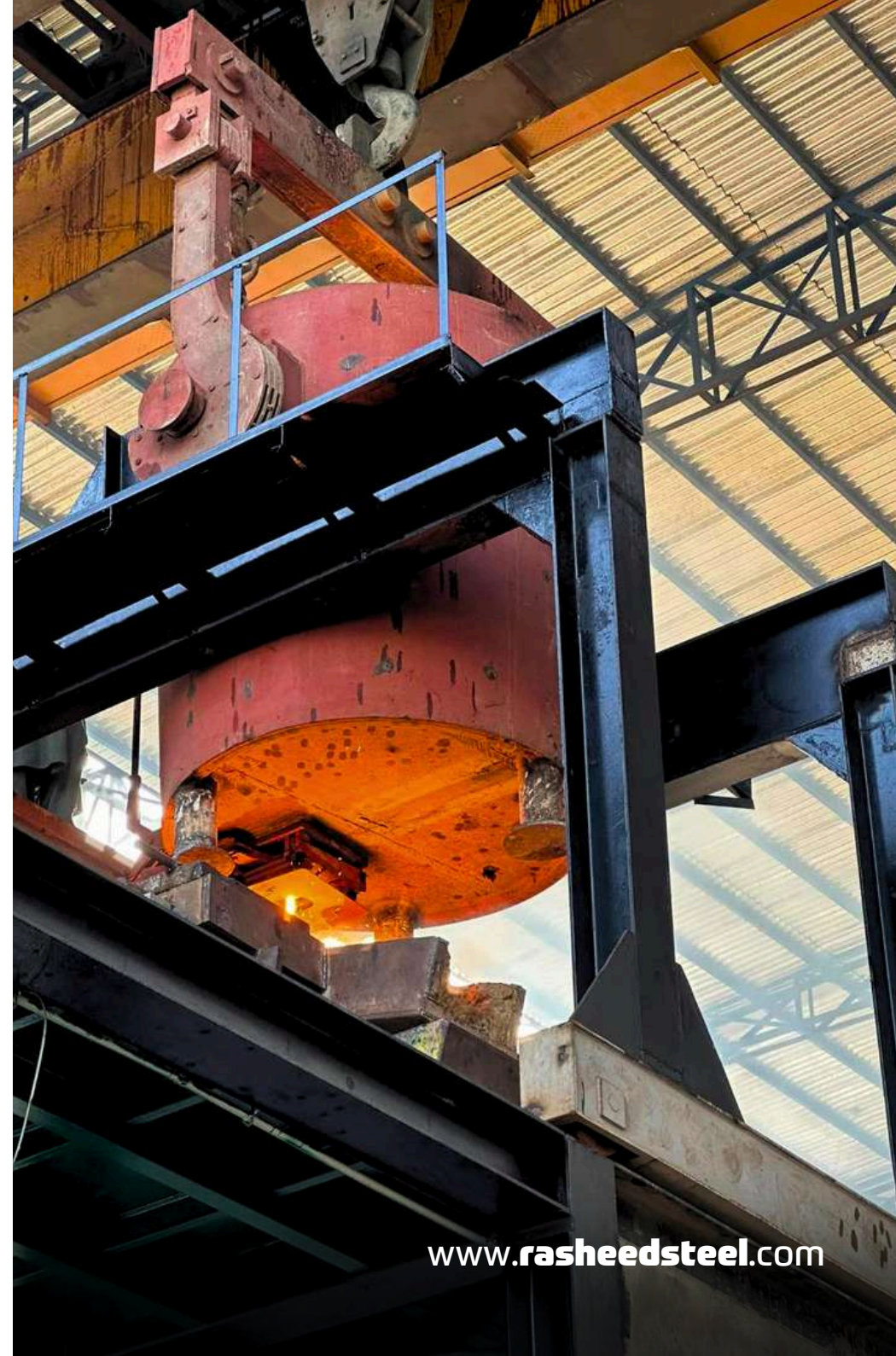
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# STRENGTH YOU CAN TRUST

Build the foundation of structures that last with our Deformed Steel Bars:

- Supreme (ASTM-615)
- Elite (ASTM-706)
- Magnum (BS4449:2005)

Trust us to deliver durability, reliability, and quality in every beam. Your vision, our steel, partnership for enduring success.



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## SUPREME (ASTM A-615)

### Specification:

Minimum Yield Strength: 60,000 PSI (420 MPA)

Minimum Tensile Strength: 90,000 PSI (620 MPA)

Bar Elongation: 7-10%

| IMPERIAL SIZES         |                    |      |                 |       |                         |      |            |
|------------------------|--------------------|------|-----------------|-------|-------------------------|------|------------|
| Bar Designation Number | Diameter/Bar Sizes |      | Standard Weight |       | Expected Length per ton |      | Elongation |
|                        | Inches             | MM   | KG/M            | KG/FT | Meters                  | Feet |            |
| 3                      | 3/8                | 9.5  | 0.560           | 0.171 | 1786                    | 5848 | 9%         |
| 4                      | 1/2                | 12.7 | 0.994           | 0.303 | 1006                    | 3300 | 9%         |
| 5                      | 5/8                | 15.9 | 1.552           | 0.473 | 644                     | 2114 | 9%         |
| 6                      | 3/4                | 19.1 | 2.235           | 0.681 | 447                     | 1468 | 9%         |
| 7                      | 7/8                | 22.2 | 3.042           | 0.927 | 329                     | 1079 | 8%         |
| 8                      | 1                  | 25.4 | 3.973           | 1.211 | 252                     | 826  | 8%         |
| 9                      | 1 - 1/8            | 28.7 | 5.060           | 1.542 | 198                     | 649  | 7%         |
| 10                     | 1 - 1/4            | 32.3 | 6.404           | 1.952 | 156                     | 512  | 7%         |
| 11                     | 1 - 3/8            | 35.8 | 7.907           | 2.410 | 126                     | 415  | 7%         |

| METRIC SIZES            |                 |         |                         |      |
|-------------------------|-----------------|---------|-------------------------|------|
| Bar Sizes Diameter (mm) | Standard Weight |         | Expected Length per ton |      |
|                         | (KG/M)          | (KG/FT) | Meters                  | Feet |
| 10                      | 0.617           | 0.188   | 1621                    | 5319 |
| 12                      | 0.888           | 0.271   | 1126                    | 3690 |
| 16                      | 1.578           | 0.481   | 634                     | 2079 |
| 20                      | 2.466           | 0.752   | 406                     | 1330 |
| 25                      | 3.853           | 1.174   | 260                     | 852  |
| 28                      | 4.834           | 1.473   | 207                     | 679  |
| 32                      | 6.313           | 1.924   | 158                     | 520  |
| 36                      | 7.990           | 2.435   | 125                     | 411  |
| 40                      | 9.865           | 3.007   | 101                     | 333  |

### Features:

- Suitable for all types of construction
- Manufactured from high quality billets
- As per Global Standards Uniform gauge and overall dimensions



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## ELITE (ASTM A-706)

### Specification:

Minimum Yield Strength: 60,000 PSI (420 MPA)

Minimum Tensile Strength: 80,000 PSI (550 MPA)

Tensile to Yield Strength Ratio > 1.25 Bar Elongation: 12-14%

| IMPERIAL SIZES         |                    |      |                 |       |                         |      |            |
|------------------------|--------------------|------|-----------------|-------|-------------------------|------|------------|
| Bar Designation Number | Diameter/Bar Sizes |      | Standard Weight |       | Expected Length per ton |      | Elongation |
|                        | Inches             | MM   | KG/M            | KG/FT | Meters                  | Feet |            |
| 3                      | 3/8                | 9.5  | 0.560           | 0.171 | 1786                    | 5848 | 14 %       |
| 4                      | 1/2                | 12.7 | 0.994           | 0.303 | 1006                    | 3300 | 14 %       |
| 5                      | 5/8                | 15.9 | 1.552           | 0.473 | 644                     | 2114 | 14 %       |
| 6                      | 3/4                | 19.1 | 2.235           | 0.681 | 447                     | 1468 | 14 %       |
| 7                      | 7/8                | 22.2 | 3.042           | 0.927 | 329                     | 1079 | 12 %       |
| 8                      | 1                  | 25.4 | 3.973           | 1.211 | 252                     | 826  | 12 %       |
| 9                      | 1 - 1/8            | 28.7 | 5.060           | 1.542 | 198                     | 649  | 12 %       |
| 10                     | 1 - 1/4            | 32.3 | 6.404           | 1.952 | 156                     | 512  | 12 %       |
| 11                     | 1 - 3/8            | 35.8 | 7.907           | 2.410 | 126                     | 415  | 12 %       |

| Bar Sizes Diameter (mm) | METRIC SIZES    |         |                         |      |
|-------------------------|-----------------|---------|-------------------------|------|
|                         | Standard Weight |         | Expected Length per ton |      |
|                         | (KG/M)          | (KG/FT) | Meters                  | Feet |
| 10                      | 0.617           | 0.188   | 1621                    | 5319 |
| 12                      | 0.888           | 0.271   | 1126                    | 3690 |
| 16                      | 1.578           | 0.481   | 634                     | 2079 |
| 20                      | 2.466           | 0.752   | 406                     | 1330 |
| 25                      | 3.853           | 1.174   | 260                     | 852  |
| 28                      | 4.834           | 1.473   | 207                     | 679  |
| 32                      | 6.313           | 1.924   | 158                     | 520  |
| 36                      | 7.990           | 2.435   | 125                     | 411  |
| 40                      | 9.865           | 3.007   | 101                     | 333  |

### Features:

- Earthquake Resistant in all Seismic Zone
- Manufactured from high quality billets
- As per American Standards for Testing & Materials (ASTM A-706)



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## MAGNUM (BS 4449:2005)-G500W

### Specification:

Minimum Yield Strength: 72,500 PSI (500 MPA)

Minimum Tensile Strength: 88,000 PSI (607 MPA)

Revised British Standard 2016

### Features:

- Earthquake Resistant & Safely Weldable
- Higher creep and corrosion resistant
- Lower Project Cost ( Up to 15% Consumption Savings as compared to ASTM-615)
- Manufactured from high quality billets
- Suitable for high rise structures

| Bar Sizes<br>Diameter (mm) | METRIC SIZES    |         |                         |      |            |
|----------------------------|-----------------|---------|-------------------------|------|------------|
|                            | Standard Weight |         | Expected Length per ton |      | Elongation |
|                            | (KG/M)          | (KG/FT) | Meters                  | Feet |            |
| 10                         | 0.62            | 0.188   | 1621                    | 5319 | 12.5%      |
| 12                         | 0.89            | 0.271   | 1126                    | 3690 | 12.5%      |
| 16                         | 1.57            | 0.482   | 634                     | 2075 | 12.5%      |
| 20                         | 2.47            | 0.752   | 406                     | 1330 | 12.5%      |
| 25                         | 3.85            | 1.174   | 260                     | 853  | 12.5%      |
| 32                         | 6.31            | 1.924   | 158                     | 520  | 12.5%      |
| 40                         | 9.86            | 3.007   | 101                     | 333  | 12.5%      |



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## BILLETS

### **Specification:**

Billet is an intermediary steel product from which reinforcement bars are rolled. At Rasheed Steel, we produce our own billets to maintain the consistency of physical and mechanical properties of our rebars.

Rasheed Steel offers billets manufactured by using premium quality raw material. Our billets are corrosion resistant and have high tensile strength. Our billets comply to ASTM A615, ASTM A706 and BS 4449:2005 international standards.



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# IN-HOUSE LABORATORIES

Product quality is maintained through our in-house laboratories. A laboratory is dedicated to monitoring billet production. Samples are tested to ensure correct chemical composition of billets as per international standards through our German Spectrometer capable of testing 30 different elements.

Another laboratory consisting of a UTS machine is responsible for performing strength tests of rebars to maintain American and British standards as per requirement of client.



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# QUALITY CONTROL

Dedicated to upholding the highest international standards, Rasheed Steel has implemented a comprehensive Quality Assurance System.

This system is recognized and certified by both the Pakistan Standards and Quality Control Authority (PSQCA) and ISO 9001.

By focusing on continuous improvement and strict compliance, Rasheed Steel ensures that all of its products meet rigorous quality benchmarks, providing reliability and excellence in every steel product.



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# OUR CERTIFICATION

To uphold the highest standards in engineering, quality assurance, and commercial operations, we maintain a comprehensive framework of certifications. These certifications include detailed specifications, quality metrics, and assurance measures to enable buyers to confidently evaluate the steel they purchase. Each certificate is a testament to our commitment to delivering superior quality and reliability.





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# OUR CLIENTS







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مضبوطی کا مستقبل



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