



PIONEERING EXCELLENCE IN STEEL MANUFACTURING

Company Profile

Forging the Future of Steel in Pakistan

From Foundations to Skyscrapers





Horizon Steel (Pvt.) Ltd represents the evolution of Pakistan's steel manufacturing industry. A company built on innovation, precision, and a commitment to redefine industrial excellence. With technology at its core and progress as its purpose, Horizon Steel combines advanced metallurgical expertise with international best practices to deliver products that meet the highest global standards.

As Pakistan's first and only modern bar and rod mill, Horizon Steel stands at the forefront

of innovation, producing premium-grade Reinforcing Steel Bars and Wire Rods for industries that build the nation's future.

Every product is backed by ISO-certified quality, rigorous testing, and sustainable practices. Thus, ensuring strength that lasts, safety that protects, and reliability that drives progress. Horizon Steel continues to empower infrastructure, energize industries, and forge the materials that shape tomorrow's Pakistan.



Company Overview

Founded in 2015, Horizon Steel (Pvt.) Ltd is Pakistan's first and only High-Speed Wire Rod and Bar Mill operating with state-of-the-art No-Twist 6-Stand European Technology. The facility manufactures low and medium carbon steel wire rods ranging from 5.5 mm to 22 mm in diameter along with Plain and Deformed Steel Bars from 8 mm to 32 mm in diameter.

Established with 50 percent Foreign Direct Investment, Horizon Steel embodies international confidence in Pakistan's capacity for advanced industrial production. The company continues to invest in automation,

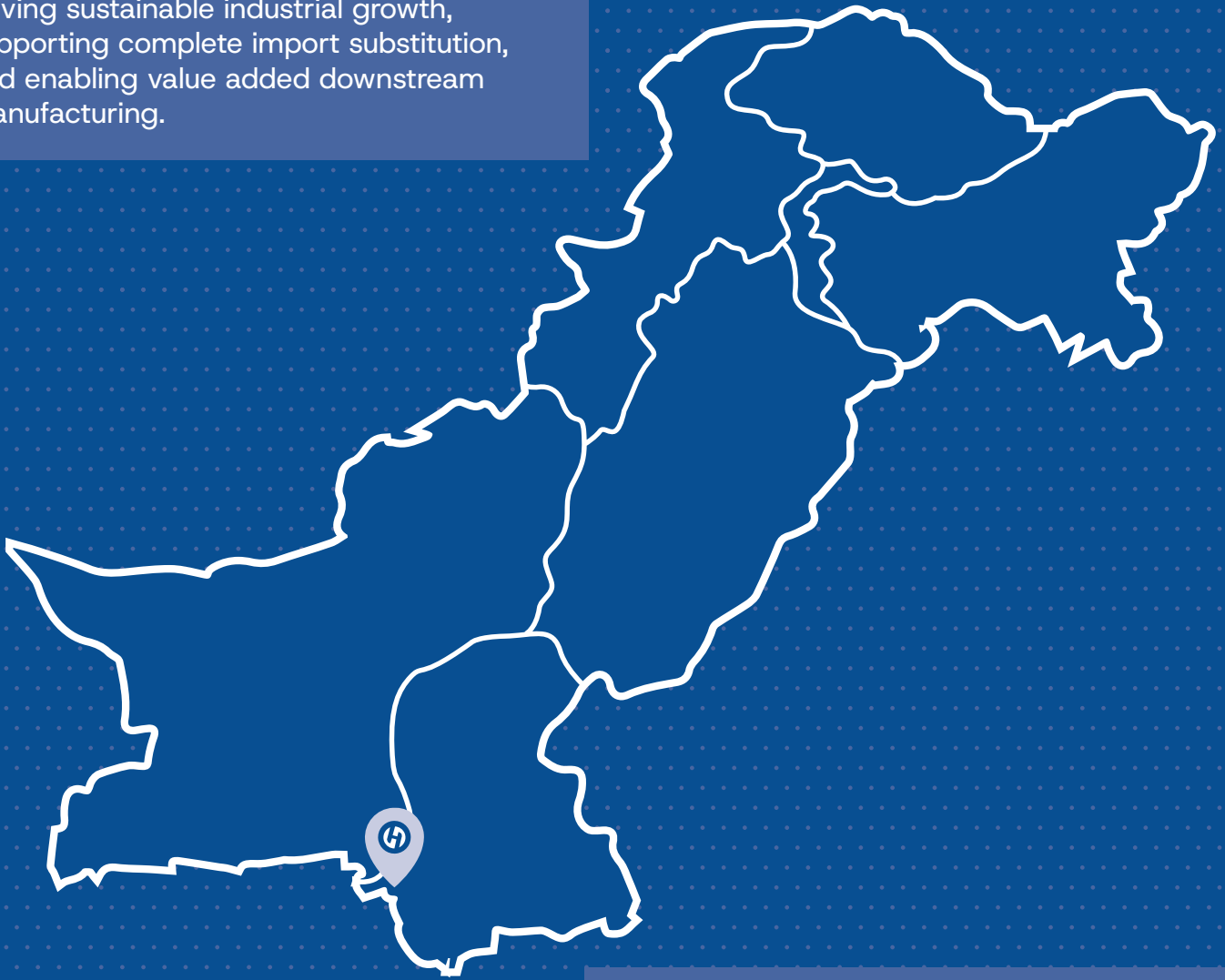
process control, and capacity enhancement to strengthen its position as a technological leader in the steel sector.

With an annual production capacity exceeding 120,000 metric tons across both product lines, Horizon Steel remains a cornerstone of Pakistan's metallurgical progress. The company is a member of the Karachi Chamber of Commerce & Industry (KCCI), Bin Qasim Association of Trade and Industry (BQATI) and a Life Member of SAARC Chamber of Commerce & Industry, reflecting its role in regional trade and industrial collaboration.



Vision

To position Horizon Steel as Pakistan's most technologically advanced and comprehensive bar and rod manufacturer, driving sustainable industrial growth, supporting complete import substitution, and enabling value added downstream manufacturing.



Mission

Horizon Steel's mission is to deliver premium steel products through teamwork, innovation, and integrity. The company is committed to supplying materials of consistent quality within agreed timelines and to ensuring customer satisfaction through transparency, technical excellence, and adherence to national and international standards. Every initiative reflects a dedication to ethical business practice, operational excellence, and continuous advancement.

Strategic Partnership's & Raw Material Sourcing

Horizon Steel maintains long-term strategic supply partnerships with leading steel producers both internationally and within Pakistan. These partnerships ensure uninterrupted access to high-grade refined steel billets manufactured through modern cutting edge technologies. These advanced metallurgical processes deliver superior purity, uniformity and consistency, forming the core strength and reliability behind every Horizon Steel product.

These prime, impurity-free billets form the foundation of Horizon Steel's product quality, enabling precision, purity, and performance in every bar and rod produced. By diversifying its supply chain through sourcing locally, Horizon Steel reduces reliance on imported materials, strengthens domestic supply chains, and supports the national economy through import substitution and industrial collaboration.





Advanced Manufacturing & Technological Leadership

Located within Bin Qasim Industrial Park in Karachi, Horizon Steel operates one of Pakistan's most advanced, fully automated rolling mills. The facility integrates dedicated high-speed production lines for both Reinforcing Steel Bars and Wire Rods, each governed by real-time process automation, precision controls, and strict metallurgical monitoring.

Production begins with prime steel billets reheated to approximately 1190°C in a high-efficiency gas-fired reheating furnace, ensuring uniform thermal penetration and metallurgical stability. Billets then enter the roughing mill, intermediate mill and finishing mill sequence, progressively reducing cross-section before final shaping through a No-Twist 6-Stand High-Speed Block. This controlled deformation pathway delivers high dimensional accuracy and consistent tensile uniformity across all sizes.

For straight bars, quenching is applied immediately after the finishing stands to refine surface hardness and improve mechanical strength, after which bars are transferred to a rack-type cooling bed for controlled cooling, straightening and finishing.

For coils, the hot rolled product is directed to Edenborn/Garrett coilers at controlled exit temperatures to preserve elongation and strength retention, followed by final cooling on slat conveyors to achieve balanced grain structure prior to finishing and automated inspection.

Every stage is digitally monitored through an integrated quality-management system that guarantees consistency, traceability, and reliability; hallmarks of Horizon Steel's manufacturing excellence.



Core Products & Capabilities



Reinforcing Steel Bars

Horizon Steel produces Plain and Deformed Reinforcing Steel Bars in both straight and coil form, ranging from 8 mm to 32 mm in diameter. Designed for strength, ductility,

and adherence, these rebars are engineered to meet ASTM A615/A615M, A706 and BS 4449:2005 G500W standards.

Key Mill Specifications

Annual Capacity:

120,000

metric tons per annum

Rolling Technology:

Continuous and No-Twist High-Speed Block

Line Speed:

13 m/s (straight)

20 m/s (coil)

Reheating Furnace Capacity:

20 t/hr

Quality Standards:

ISO 9001:2015

ISO 14001:2015

ISO 45001:2018

Cooling System:

54 meter rack type cooling bed for straight length bars & Slat Conveyor for bars in coil

In House Testing Facilities:

European Optical Emission Spectrometer and Servo-Controlled Tensile Testing Machines

Horizon Steel's rebars offer exceptional bond strength and uniform mechanical properties, making them ideal for residential, commercial, and infrastructure projects demanding superior reinforcement and seismic resilience.



Wire Rods

Horizon Steel manufactures Alloy and Non-Alloy, Low and Medium Carbon Steel Wire Rods ranging from 5.5 mm to 22 mm in diameter, using European No-Twist 6-Stand

High-Speed Block technology. The mill achieves a line speed of 29 m/s, ensuring precision surface finish and controlled mechanical properties.

Key Mill Specifications

Annual Capacity:

113,000

metric tons per annum

Dimensional Tolerance:

± 0.25 mm to ± 0.30 mm
with ovality ≤ 0.5 mm

Quality Standards:

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018

Grain Structure:

Fine-grained ferrite,
ASTM E112 (9–12 range)



Wire rods are free from surface defects and tramp elements, offering consistent drawing performance, smooth finish, and ease of descaling.

They are widely used for fasteners, bolts, springs, barbed wire, fencing, cable reinforcements, electrical components, and automotive applications.

Applications & Industry Impact

Horizon Steel's integrated bar and rod portfolio serves diverse sectors; from construction and infrastructure to automotive, electrical, and manufacturing industries. The company works closely with downstream manufacturers, aligning product development with evolving

market requirements and export opportunities. This collaboration ensures consistent quality, optimized cost efficiency, and improved working-capital cycles across Pakistan's industrial base.





Quality Assurance & Sustainability

Horizon Steel operates under globally recognized management systems; ISO 9001, ISO 14001, and ISO 45001. Ensuring compliance with international standards for quality, environment, and occupational safety.

It's solar power plant covers approximately 30% of the company's electricity needs,

significantly reducing its carbon footprint. Water recycling, emission control, and waste-reduction initiatives further strengthen Horizon Steel's reputation as a leader in green steel manufacturing.

Health, Safety & Environment

Horizon Steel fosters a culture of safety and continuous improvement. Employees receive regular training in operational efficiency, environmental awareness, and advanced

safety practices. The company invests in skill development and welfare programs to cultivate a motivated, knowledgeable, and safety-driven workforce.



Corporate Social Responsibility

Horizon Steel believes in building communities alongside infrastructure development. Through its social partnerships, the company actively supports healthcare and education initiatives across Pakistan. The Iskander Sultan Khwaja

Campus of The Citizens Foundation (TCF) in Islamabad provides quality education to 164 students each year — reflecting Horizon Steel's long-term commitment to inclusive and sustainable social progress.



Leadership, Market Position & Future Outlook

Under the leadership of its Chief Executive Officer, Horizon Steel continues to strengthen its market position through sustainability, technological advancement, and customer-focused growth. The company's infrastructure, skilled human capital, and efficient logistics enable precision manufacturing at scale.

With continued investment in automation and capacity enhancement, the company is poised

to broaden its product range, enhance export readiness, and reinforce its leadership in Pakistan's steel sector.

By combining innovation with reliability, Horizon Steel remains dedicated to powering Pakistan's industrial development and establishing itself as the country's most advanced and trusted bar and rod manufacturer.





Contact us

Head Office

D-93, Block-IV, Clifton,
Karachi, Pakistan.

Factory Address

Plot# 44, 45, 49, 50, 51, 52,
Bin Qasim Industrial Park,
Near Pakistan Steel Mill, Bin Qasim Town,
Karachi, Pakistan.

(+92 21) 35295884-87

www.horizonpakistan.com
info@horizonpakistan.com

FB | IG @horizonsteelpk
linkedin @hspl

