

Global Prestressed Concrete Steel Market Growth 2025-2031

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Abstracts

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The global Prestressed Concrete Steel market size is predicted to grow from US\$ 3643 million in 2025 to US\$ 4248 million in 2031; it is expected to grow at a CAGR of 2.6% from 2025 to 2031.

Prestressed steel strand is a type of stranded cable composed of 2, 3, 7 or more high strength steel wires, and the stress relief force processing (processing), suitable for prestressed concrete or similar purposes, such as large-span bridges on railway and highway, flyover, LNG tanks, multi-storey industrial buildings, stadiums, nuclear reactors and etc.

Global Prestressed Concrete Steel key players include Xinhua Metal, Hengxing, Silvery Dragon, Insteel, Tianjin Metallurgical, Kiswire, etc. Global top six manufacturers hold a share about 25%.

Asia-Pacific is the largest market, with a share about 70%, followed by North America and Middle East and Africa, both have a share about 20 percent.

In terms of product, Bare PC Strand is the largest segment, with a share over 85%. And in terms of application, the largest application is Transport, followed by Building.

LP Information, Inc. (LPI) ' newest research report, the "Prestressed Concrete Steel Industry Forecast" looks at past sales and reviews total world Prestressed Concrete Steel sales in 2024, providing a comprehensive analysis by region and market sector of projected Prestressed Concrete Steel sales for 2025 through 2031. With Prestressed

Concrete Steel sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Prestressed Concrete Steel industry.

This Insight Report provides a comprehensive analysis of the global Prestressed Concrete Steel landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Prestressed Concrete Steel portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Prestressed Concrete Steel market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Prestressed Concrete Steel and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Prestressed Concrete Steel.

This report presents a comprehensive overview, market shares, and growth opportunities of Prestressed Concrete Steel market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Bare PC Strand

Grease Filled PC Strand

Wax Filled PC Strand

Others

Segmentation by Application:

Transport

Building

Energy

Water Conservancy

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Insteel

Sumiden

Strand-tech Martin

Tata Iron and Steel

Siam Industrial Wire

Southern PC

Tycsa PSC

Kiswire

Usha Martin

Fapricela

Gulf Steel Strands

ASLAK

AL-FAISAL STEEL

Xinhua Metal

Tianjin Metallurgical

Hengli

Hengxing

Fasten

Huaxin

Hunan Xianghui

Silvery Dragon

Shengte

Longtai Rare Earth & New Materials

Fuxing Keji

Key Questions Addressed in this Report

What is the 10-year outlook for the global Prestressed Concrete Steel market?

What factors are driving Prestressed Concrete Steel market growth, globally and by

region?

Which technologies are poised for the fastest growth by market and region?

How do Prestressed Concrete Steel market opportunities vary by end market size?

How does Prestressed Concrete Steel break out by Type, by Application?

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