

Global Nozzles for Continuous Casting Cooling Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G4A04320674BEN.html>

Date: October 2025

Pages: 94

Price: US\$ 3,132.00 (Single User License)

ID: G4A04320674BEN

Abstracts

According to our (Global Info Research) latest study, the global Nozzles for Continuous Casting Cooling market size was valued at US\$ 911 million in 2024 and is forecast to a readjusted size of USD 1195 million by 2031 with a CAGR of 4.0% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Nozzles for Continuous Casting Cooling are crucial components on continuous casting machines in steel production, responsible for spraying cooling water onto the surface of the cast slab during the casting process to quickly remove heat generated inside the slab, control the solidification and cooling rate of the slab, and ensure the quality and dimensional accuracy of the slab. These nozzles are typically made of high-temperature and wear-resistant materials to adapt to the high-temperature and highly corrosive working environment during continuous casting. Meanwhile, their design considers factors such as water flow distribution, spray angle, and pressure to ensure that cooling water can uniformly and efficiently cover the surface of the cast slab, avoiding defects such as cracks and deformations caused by localized overheating or uneven cooling. By precisely controlling the cooling effect of the nozzles and the solidification process of the cast slab, the production efficiency of continuous casting machines and the yield of finished cast slabs can be significantly improved, reducing production costs and providing strong support for the production of steel enterprises.

This report is a detailed and comprehensive analysis for global Nozzles for Continuous Casting Cooling market. Both quantitative and qualitative analyses are presented by

manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Nozzles for Continuous Casting Cooling market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Nozzles for Continuous Casting Cooling market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Nozzles for Continuous Casting Cooling market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Nozzles for Continuous Casting Cooling market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries
To assess the growth potential for Nozzles for Continuous Casting Cooling
To forecast future growth in each product and end-use market
To assess competitive factors affecting the marketplace

This report profiles key players in the global Nozzles for Continuous Casting Cooling market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Sealpump, Lechler, Spraying Systems, IC Spray, CSAN, Mistec Nozzle, Dongguan Changyuan Spraying Technology, Boji Group, PNR Italia, SPRAYNOZ Technologies, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Market Segmentation

Nozzles for Continuous Casting Cooling market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Single Fluid Nozzle

Dual Fluid Nozzle

Market segment by Application

Water Cooling System

Mist Cooling System

Others

Major players covered

Sealpump

Lechler

Spraying Systems

IC Spray

CSAN

Mistec Nozzle

Dongguan Changyuan Spraying Technology

Boji Group

PNR Italia

SPRAYNOZ Technologies

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Nozzles for Continuous Casting Cooling product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nozzles for Continuous Casting Cooling, with price, sales quantity, revenue, and global market share of Nozzles for Continuous Casting Cooling from 2020 to 2025.

Chapter 3, the Nozzles for Continuous Casting Cooling competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Nozzles for Continuous Casting Cooling breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Nozzles for Continuous Casting Cooling market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Nozzles for Continuous Casting Cooling.

Chapter 14 and 15, to describe Nozzles for Continuous Casting Cooling sales channel, distributors, customers, research findings and conclusion.

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