

# Hot Runner Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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## Abstracts

The global hot runner market size reached US\$ 3.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 5.5 Billion by 2028, exhibiting a growth rate (CAGR) of 7.32% during 2022-2028.

Hot runner is an industrial feed device used for transferring molten plastic into the mold tool cavities for the manufacturing of various plastic products. It consists of nozzles, manifold plates, flow control systems and hot valves. The plates are heated using the manifold system to keep the material in a molten state until it flows into the mold cavity. Hot runners are commonly available in valve gate and open gate variants. In comparison to the traditionally used cold runner systems, hot runners prevent the material from solidifying, thereby reducing the cycle time, generation of plastic waste and significantly minimizing the trimming required to smoothen the final product. As a result, they find extensive applications across various industries, including automotive, construction, electronics, medical and packaging.

Hot Runner Market Trends:

Rapid industrialization across the globe is one of the key factors driving the growth of the market. Moreover, the increasing requirement for injection-molded plastic products in the automotive and healthcare industries is providing a thrust to the market growth. For instance, automotive manufactures are widely using injection-molded exterior, interior, lighting and under hood components for the assembly of lightweight vehicles with minimal carbon emissions and enhanced energy efficiency. Additionally, various technological advancements, such as the integration of connected devices with the Internet of Things (IoT) and smart sensors, are acting as other growth-inducing factors. These innovative technologies aid in real-time collection and analysis of data regarding

the plastic molding process, which also aids in reducing the chances of manufacturing defects and errors. Other factors, including the advent of Industry 4.0, along with the implementation of favorable government policies promoting the use of lightweight plastic molding systems, are anticipated to drive the market toward growth.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global hot runner market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on gate type, product type and end use industry.

#### Breakup by Gate Type:

- Valve Gate Hot Runner
- Open Gate Hot Runner

#### Breakup by Product Type:

- Insulated Runner
- Heated Runner

#### Breakup by End Use Industry:

- Automotive
- Electronic
- Medical
- Packaging
- Others

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia-Pacific
  - China
  - Japan
  - India
  - South Korea

Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Barnes Group Inc., CACO PACIFIC Corporation, EWIKON Hei?kanalsysteme GmbH, Fast Heat UK Limited, FISA Corporation, G?NTHER Heisskanaltechnik GmbH, Husky Injection Molding Systems Ltd., INCOE Corporation, Inglass S.p.A (OC Oerlikon Management AG), Milacron Holdings Corp. (Hillenbrand Inc.), Seiki Corporation and Yudo Co. Ltd.

#### Key Questions Answered in This Report

1. What was the size of the global hot runner market in 2022?
2. What is the expected growth rate of the global hot runner market during 2023-2028?
3. What are the key factors driving the global hot runner market?
4. What has been the impact of COVID-19 on the global hot runner market?
5. What is the breakup of the global hot runner market based on the gate type?
6. What is the breakup of the global hot runner market based on the product type?
7. What is the breakup of the global hot runner market based on the end use industry?
8. What are the key regions in the global hot runner market?
9. Who are the key players/companies in the global hot runner market?

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