

Global Sapphire Waterjet Nozzle Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

https://marketpublishers.com/r/G907E7A20CB9EN.html

Date: February 2023

Pages: 119

Price: US\$ 3,480.00 (Single User License)

ID: G907E7A20CB9EN

Abstracts

According to our (Global Info Research) latest study, the global Sapphire Waterjet Nozzle market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The sapphire waterjet nozzles for surface treatment are characterised by their long lifetime, efficiency and quality. The extensive product range offers the right type of nozzle for most customer-specific system on the market.

This report is a detailed and comprehensive analysis for global Sapphire Waterjet Nozzle 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 2023, are provided.

Key Features:

Global Sapphire Waterjet Nozzle market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Sapphire Waterjet Nozzle market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029



Global Sapphire Waterjet Nozzle market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Sapphire Waterjet Nozzle market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

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 Sapphire Waterjet Nozzle

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 Sapphire Waterjet Nozzle market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include ANDRITZ, MVT AG, Advanced Pressure Systems, Eurojetting and PA SpA, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Sapphire Waterjet Nozzle market is split by Type and by Application. For the period 2018-2029, 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

1000~2000Bar Operating Pressure

2000~3000Bar Operating Pressure



3000~4000Bar Operating Pressure

?4000Bar Operating Pressure

Market segment by Application

Building Materials Store

Manufacturing Plant

Machinery Repair Shop

Construction Project

Water and Electricity Demolition

Others

Major players covered

ANDRITZ

MVT AG

Advanced Pressure Systems

Eurojetting

PA SpA

All Jetting Technologies

DERC Salotech

Salomon Jetting Parts



Advanced Fluid Technology **IMB** Robotics **OGURA Triplex Systems** AfricaTuff **PRO-JETTING** Aquajets **Diamond Technology Innovations Lasting Diamond** 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 Sapphire Waterjet Nozzle product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Sapphire Waterjet Nozzle, with price,



sales, revenue and global market share of Sapphire Waterjet Nozzle from 2018 to 2023.

Chapter 3, the Sapphire Waterjet Nozzle competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Sapphire Waterjet Nozzle breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022.and Sapphire Waterjet Nozzle market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Sapphire Waterjet Nozzle.

Chapter 14 and 15, to describe Sapphire Waterjet Nozzle sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Sapphire Waterjet Nozzle
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Sapphire Waterjet Nozzle Consumption Value by Type: 2018

Versus 2022 Versus 2029

- 1.3.2 1000~2000Bar Operating Pressure
- 1.3.3 2000~3000Bar Operating Pressure
- 1.3.4 3000~4000Bar Operating Pressure
- 1.3.5 ?4000Bar Operating Pressure
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Sapphire Waterjet Nozzle Consumption Value by Application:

2018 Versus 2022 Versus 2029

- 1.4.2 Building Materials Store
- 1.4.3 Manufacturing Plant
- 1.4.4 Machinery Repair Shop
- 1.4.5 Construction Project
- 1.4.6 Water and Electricity Demolition
- 1.4.7 Others
- 1.5 Global Sapphire Waterjet Nozzle Market Size & Forecast
 - 1.5.1 Global Sapphire Waterjet Nozzle Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Sapphire Waterjet Nozzle Sales Quantity (2018-2029)
 - 1.5.3 Global Sapphire Waterjet Nozzle Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 ANDRITZ
 - 2.1.1 ANDRITZ Details
 - 2.1.2 ANDRITZ Major Business
 - 2.1.3 ANDRITZ Sapphire Waterjet Nozzle Product and Services
 - 2.1.4 ANDRITZ Sapphire Waterjet Nozzle Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

- 2.1.5 ANDRITZ Recent Developments/Updates
- 2.2 MVT AG
 - 2.2.1 MVT AG Details
 - 2.2.2 MVT AG Major Business



- 2.2.3 MVT AG Sapphire Waterjet Nozzle Product and Services
- 2.2.4 MVT AG Sapphire Waterjet Nozzle Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

- 2.2.5 MVT AG Recent Developments/Updates
- 2.3 Advanced Pressure Systems
 - 2.3.1 Advanced Pressure Systems Details
 - 2.3.2 Advanced Pressure Systems Major Business
 - 2.3.3 Advanced Pressure Systems Sapphire Waterjet Nozzle Product and Services
 - 2.3.4 Advanced Pressure Systems Sapphire Waterjet Nozzle Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.3.5 Advanced Pressure Systems Recent Developments/Updates
- 2.4 Eurojetting
 - 2.4.1 Eurojetting Details
 - 2.4.2 Eurojetting Major Business
 - 2.4.3 Eurojetting Sapphire Waterjet Nozzle Product and Services
 - 2.4.4 Eurojetting Sapphire Waterjet Nozzle Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

- 2.4.5 Eurojetting Recent Developments/Updates
- 2.5 PA SpA
 - 2.5.1 PA SpA Details
 - 2.5.2 PA SpA Major Business
 - 2.5.3 PA SpA Sapphire Waterjet Nozzle Product and Services
 - 2.5.4 PA SpA Sapphire Waterjet Nozzle Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

- 2.5.5 PA SpA Recent Developments/Updates
- 2.6 All Jetting Technologies
 - 2.6.1 All Jetting Technologies Details
 - 2.6.2 All Jetting Technologies Major Business
 - 2.6.3 All Jetting Technologies Sapphire Waterjet Nozzle Product and Services
- 2.6.4 All Jetting Technologies Sapphire Waterjet Nozzle Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.6.5 All Jetting Technologies Recent Developments/Updates
- 2.7 DERC Salotech
 - 2.7.1 DERC Salotech Details
 - 2.7.2 DERC Salotech Major Business
 - 2.7.3 DERC Salotech Sapphire Waterjet Nozzle Product and Services
 - 2.7.4 DERC Salotech Sapphire Waterjet Nozzle Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 DERC Salotech Recent Developments/Updates



- 2.8 Salomon Jetting Parts
 - 2.8.1 Salomon Jetting Parts Details
 - 2.8.2 Salomon Jetting Parts Major Business
 - 2.8.3 Salomon Jetting Parts Sapphire Waterjet Nozzle Product and Services
- 2.8.4 Salomon Jetting Parts Sapphire Waterjet Nozzle Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

- 2.8.5 Salomon Jetting Parts Recent Developments/Updates
- 2.9 Advanced Fluid Technology
 - 2.9.1 Advanced Fluid Technology Details
 - 2.9.2 Advanced Fluid Technology Major Business
 - 2.9.3 Advanced Fluid Technology Sapphire Waterjet Nozzle Product and Services
- 2.9.4 Advanced Fluid Technology Sapphire Waterjet Nozzle Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2018-2023)

- 2.9.5 Advanced Fluid Technology Recent Developments/Updates
- 2.10 IMB Robotics
 - 2.10.1 IMB Robotics Details
 - 2.10.2 IMB Robotics Major Business
 - 2.10.3 IMB Robotics Sapphire Waterjet Nozzle Product and Services
 - 2.10.4 IMB Robotics Sapphire Waterjet Nozzle Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

- 2.10.5 IMB Robotics Recent Developments/Updates
- 2.11 OGURA
 - 2.11.1 OGURA Details
 - 2.11.2 OGURA Major Business
 - 2.11.3 OGURA Sapphire Waterjet Nozzle Product and Services
 - 2.11.4 OGURA Sapphire Waterjet Nozzle Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2018-2023)

- 2.11.5 OGURA Recent Developments/Updates
- 2.12 Triplex Systems
 - 2.12.1 Triplex Systems Details
 - 2.12.2 Triplex Systems Major Business
 - 2.12.3 Triplex Systems Sapphire Waterjet Nozzle Product and Services
 - 2.12.4 Triplex Systems Sapphire Waterjet Nozzle Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

- 2.12.5 Triplex Systems Recent Developments/Updates
- 2.13 AfricaTuff
 - 2.13.1 AfricaTuff Details
 - 2.13.2 AfricaTuff Major Business
 - 2.13.3 AfricaTuff Sapphire Waterjet Nozzle Product and Services



- 2.13.4 AfricaTuff Sapphire Waterjet Nozzle Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.13.5 AfricaTuff Recent Developments/Updates
- 2.14 PRO-JETTING
 - 2.14.1 PRO-JETTING Details
 - 2.14.2 PRO-JETTING Major Business
 - 2.14.3 PRO-JETTING Sapphire Waterjet Nozzle Product and Services
 - 2.14.4 PRO-JETTING Sapphire Waterjet Nozzle Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

- 2.14.5 PRO-JETTING Recent Developments/Updates
- 2.15 Aquajets
 - 2.15.1 Aquajets Details
 - 2.15.2 Aquajets Major Business
 - 2.15.3 Aquajets Sapphire Waterjet Nozzle Product and Services
- 2.15.4 Aquajets Sapphire Waterjet Nozzle Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.15.5 Aquajets Recent Developments/Updates
- 2.16 Diamond Technology Innovations
 - 2.16.1 Diamond Technology Innovations Details
 - 2.16.2 Diamond Technology Innovations Major Business
- 2.16.3 Diamond Technology Innovations Sapphire Waterjet Nozzle Product and Services
- 2.16.4 Diamond Technology Innovations Sapphire Waterjet Nozzle Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.16.5 Diamond Technology Innovations Recent Developments/Updates
- 2.17 Lasting Diamond
 - 2.17.1 Lasting Diamond Details
 - 2.17.2 Lasting Diamond Major Business
 - 2.17.3 Lasting Diamond Sapphire Waterjet Nozzle Product and Services
- 2.17.4 Lasting Diamond Sapphire Waterjet Nozzle Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.17.5 Lasting Diamond Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SAPPHIRE WATERJET NOZZLE BY MANUFACTURER

- 3.1 Global Sapphire Waterjet Nozzle Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Sapphire Waterjet Nozzle Revenue by Manufacturer (2018-2023)
- 3.3 Global Sapphire Waterjet Nozzle Average Price by Manufacturer (2018-2023)



- 3.4 Market Share Analysis (2022)
- 3.4.1 Producer Shipments of Sapphire Waterjet Nozzle by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- 3.4.2 Top 3 Sapphire Waterjet Nozzle Manufacturer Market Share in 2022
- 3.4.2 Top 6 Sapphire Waterjet Nozzle Manufacturer Market Share in 2022
- 3.5 Sapphire Waterjet Nozzle Market: Overall Company Footprint Analysis
 - 3.5.1 Sapphire Waterjet Nozzle Market: Region Footprint
 - 3.5.2 Sapphire Waterjet Nozzle Market: Company Product Type Footprint
 - 3.5.3 Sapphire Waterjet Nozzle Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Sapphire Waterjet Nozzle Market Size by Region
- 4.1.1 Global Sapphire Waterjet Nozzle Sales Quantity by Region (2018-2029)
- 4.1.2 Global Sapphire Waterjet Nozzle Consumption Value by Region (2018-2029)
- 4.1.3 Global Sapphire Waterjet Nozzle Average Price by Region (2018-2029)
- 4.2 North America Sapphire Waterjet Nozzle Consumption Value (2018-2029)
- 4.3 Europe Sapphire Waterjet Nozzle Consumption Value (2018-2029)
- 4.4 Asia-Pacific Sapphire Waterjet Nozzle Consumption Value (2018-2029)
- 4.5 South America Sapphire Waterjet Nozzle Consumption Value (2018-2029)
- 4.6 Middle East and Africa Sapphire Waterjet Nozzle Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2029)
- 5.2 Global Sapphire Waterjet Nozzle Consumption Value by Type (2018-2029)
- 5.3 Global Sapphire Waterjet Nozzle Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2029)
- 6.2 Global Sapphire Waterjet Nozzle Consumption Value by Application (2018-2029)
- 6.3 Global Sapphire Waterjet Nozzle Average Price by Application (2018-2029)

7 NORTH AMERICA

7.1 North America Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2029)



- 7.2 North America Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2029)
- 7.3 North America Sapphire Waterjet Nozzle Market Size by Country
 - 7.3.1 North America Sapphire Waterjet Nozzle Sales Quantity by Country (2018-2029)
- 7.3.2 North America Sapphire Waterjet Nozzle Consumption Value by Country (2018-2029)
 - 7.3.3 United States Market Size and Forecast (2018-2029)
 - 7.3.4 Canada Market Size and Forecast (2018-2029)
- 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

- 8.1 Europe Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2029)
- 8.2 Europe Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2029)
- 8.3 Europe Sapphire Waterjet Nozzle Market Size by Country
 - 8.3.1 Europe Sapphire Waterjet Nozzle Sales Quantity by Country (2018-2029)
 - 8.3.2 Europe Sapphire Waterjet Nozzle Consumption Value by Country (2018-2029)
 - 8.3.3 Germany Market Size and Forecast (2018-2029)
 - 8.3.4 France Market Size and Forecast (2018-2029)
 - 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
 - 8.3.6 Russia Market Size and Forecast (2018-2029)
 - 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Sapphire Waterjet Nozzle Market Size by Region
 - 9.3.1 Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Region (2018-2029)
- 9.3.2 Asia-Pacific Sapphire Waterjet Nozzle Consumption Value by Region (2018-2029)
 - 9.3.3 China Market Size and Forecast (2018-2029)
 - 9.3.4 Japan Market Size and Forecast (2018-2029)
 - 9.3.5 Korea Market Size and Forecast (2018-2029)
 - 9.3.6 India Market Size and Forecast (2018-2029)
- 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
- 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA



- 10.1 South America Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2029)
- 10.2 South America Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2029)
- 10.3 South America Sapphire Waterjet Nozzle Market Size by Country
- 10.3.1 South America Sapphire Waterjet Nozzle Sales Quantity by Country (2018-2029)
- 10.3.2 South America Sapphire Waterjet Nozzle Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Sapphire Waterjet Nozzle Market Size by Country
- 11.3.1 Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Country (2018-2029)
- 11.3.2 Middle East & Africa Sapphire Waterjet Nozzle Consumption Value by Country (2018-2029)
 - 11.3.3 Turkey Market Size and Forecast (2018-2029)
 - 11.3.4 Egypt Market Size and Forecast (2018-2029)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)
 - 11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

- 12.1 Sapphire Waterjet Nozzle Market Drivers
- 12.2 Sapphire Waterjet Nozzle Market Restraints
- 12.3 Sapphire Waterjet Nozzle Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry
- 12.5 Influence of COVID-19 and Russia-Ukraine War



- 12.5.1 Influence of COVID-19
- 12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Sapphire Waterjet Nozzle and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Sapphire Waterjet Nozzle
- 13.3 Sapphire Waterjet Nozzle Production Process
- 13.4 Sapphire Waterjet Nozzle Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Sapphire Waterjet Nozzle Typical Distributors
- 14.3 Sapphire Waterjet Nozzle Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global Sapphire Waterjet Nozzle Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Sapphire Waterjet Nozzle Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. ANDRITZ Basic Information, Manufacturing Base and Competitors

Table 4. ANDRITZ Major Business

Table 5. ANDRITZ Sapphire Waterjet Nozzle Product and Services

Table 6. ANDRITZ Sapphire Waterjet Nozzle Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. ANDRITZ Recent Developments/Updates

Table 8. MVT AG Basic Information, Manufacturing Base and Competitors

Table 9. MVT AG Major Business

Table 10. MVT AG Sapphire Waterjet Nozzle Product and Services

Table 11. MVT AG Sapphire Waterjet Nozzle Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. MVT AG Recent Developments/Updates

Table 13. Advanced Pressure Systems Basic Information, Manufacturing Base and Competitors

Table 14. Advanced Pressure Systems Major Business

Table 15. Advanced Pressure Systems Sapphire Waterjet Nozzle Product and Services

Table 16. Advanced Pressure Systems Sapphire Waterjet Nozzle Sales Quantity (K

Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Advanced Pressure Systems Recent Developments/Updates

Table 18. Eurojetting Basic Information, Manufacturing Base and Competitors

Table 19. Eurojetting Major Business

Table 20. Eurojetting Sapphire Waterjet Nozzle Product and Services

Table 21. Eurojetting Sapphire Waterjet Nozzle Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Eurojetting Recent Developments/Updates

Table 23. PA SpA Basic Information, Manufacturing Base and Competitors

Table 24. PA SpA Major Business

Table 25. PA SpA Sapphire Waterjet Nozzle Product and Services

Table 26. PA SpA Sapphire Waterjet Nozzle Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)



- Table 27. PA SpA Recent Developments/Updates
- Table 28. All Jetting Technologies Basic Information, Manufacturing Base and Competitors
- Table 29. All Jetting Technologies Major Business
- Table 30. All Jetting Technologies Sapphire Waterjet Nozzle Product and Services
- Table 31. All Jetting Technologies Sapphire Waterjet Nozzle Sales Quantity (K Units),
- Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 32. All Jetting Technologies Recent Developments/Updates
- Table 33. DERC Salotech Basic Information, Manufacturing Base and Competitors
- Table 34. DERC Salotech Major Business
- Table 35. DERC Salotech Sapphire Waterjet Nozzle Product and Services
- Table 36. DERC Salotech Sapphire Waterjet Nozzle Sales Quantity (K Units), Average
- Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 37. DERC Salotech Recent Developments/Updates
- Table 38. Salomon Jetting Parts Basic Information, Manufacturing Base and Competitors
- Table 39. Salomon Jetting Parts Major Business
- Table 40. Salomon Jetting Parts Sapphire Waterjet Nozzle Product and Services
- Table 41. Salomon Jetting Parts Sapphire Waterjet Nozzle Sales Quantity (K Units),
- Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 42. Salomon Jetting Parts Recent Developments/Updates
- Table 43. Advanced Fluid Technology Basic Information, Manufacturing Base and Competitors
- Table 44. Advanced Fluid Technology Major Business
- Table 45. Advanced Fluid Technology Sapphire Waterjet Nozzle Product and Services
- Table 46. Advanced Fluid Technology Sapphire Waterjet Nozzle Sales Quantity (K
- Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 47. Advanced Fluid Technology Recent Developments/Updates
- Table 48. IMB Robotics Basic Information, Manufacturing Base and Competitors
- Table 49. IMB Robotics Major Business
- Table 50. IMB Robotics Sapphire Waterjet Nozzle Product and Services
- Table 51. IMB Robotics Sapphire Waterjet Nozzle Sales Quantity (K Units), Average
- Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 52. IMB Robotics Recent Developments/Updates
- Table 53. OGURA Basic Information, Manufacturing Base and Competitors
- Table 54. OGURA Major Business



- Table 55. OGURA Sapphire Waterjet Nozzle Product and Services
- Table 56. OGURA Sapphire Waterjet Nozzle Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

- Table 57. OGURA Recent Developments/Updates
- Table 58. Triplex Systems Basic Information, Manufacturing Base and Competitors
- Table 59. Triplex Systems Major Business
- Table 60. Triplex Systems Sapphire Waterjet Nozzle Product and Services
- Table 61. Triplex Systems Sapphire Waterjet Nozzle Sales Quantity (K Units), Average
- Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 62. Triplex Systems Recent Developments/Updates
- Table 63. AfricaTuff Basic Information, Manufacturing Base and Competitors
- Table 64. AfricaTuff Major Business
- Table 65. AfricaTuff Sapphire Waterjet Nozzle Product and Services
- Table 66. AfricaTuff Sapphire Waterjet Nozzle Sales Quantity (K Units), Average Price
- (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 67. AfricaTuff Recent Developments/Updates
- Table 68. PRO-JETTING Basic Information, Manufacturing Base and Competitors
- Table 69. PRO-JETTING Major Business
- Table 70. PRO-JETTING Sapphire Waterjet Nozzle Product and Services
- Table 71. PRO-JETTING Sapphire Waterjet Nozzle Sales Quantity (K Units), Average
- Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 72. PRO-JETTING Recent Developments/Updates
- Table 73. Aquajets Basic Information, Manufacturing Base and Competitors
- Table 74. Aquajets Major Business
- Table 75. Aquajets Sapphire Waterjet Nozzle Product and Services
- Table 76. Aquajets Sapphire Waterjet Nozzle Sales Quantity (K Units), Average Price
- (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 77. Aquajets Recent Developments/Updates
- Table 78. Diamond Technology Innovations Basic Information, Manufacturing Base and Competitors
- Table 79. Diamond Technology Innovations Major Business
- Table 80. Diamond Technology Innovations Sapphire Waterjet Nozzle Product and Services
- Table 81. Diamond Technology Innovations Sapphire Waterjet Nozzle Sales Quantity (K
- Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)
- Table 82. Diamond Technology Innovations Recent Developments/Updates
- Table 83. Lasting Diamond Basic Information, Manufacturing Base and Competitors
- Table 84. Lasting Diamond Major Business



Table 85. Lasting Diamond Sapphire Waterjet Nozzle Product and Services

Table 86. Lasting Diamond Sapphire Waterjet Nozzle Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 87. Lasting Diamond Recent Developments/Updates

Table 88. Global Sapphire Waterjet Nozzle Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 89. Global Sapphire Waterjet Nozzle Revenue by Manufacturer (2018-2023) & (USD Million)

Table 90. Global Sapphire Waterjet Nozzle Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 91. Market Position of Manufacturers in Sapphire Waterjet Nozzle, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 92. Head Office and Sapphire Waterjet Nozzle Production Site of Key Manufacturer

Table 93. Sapphire Waterjet Nozzle Market: Company Product Type Footprint

Table 94. Sapphire Waterjet Nozzle Market: Company Product Application Footprint

Table 95. Sapphire Waterjet Nozzle New Market Entrants and Barriers to Market Entry

Table 96. Sapphire Waterjet Nozzle Mergers, Acquisition, Agreements, and Collaborations

Table 97. Global Sapphire Waterjet Nozzle Sales Quantity by Region (2018-2023) & (K Units)

Table 98. Global Sapphire Waterjet Nozzle Sales Quantity by Region (2024-2029) & (K Units)

Table 99. Global Sapphire Waterjet Nozzle Consumption Value by Region (2018-2023) & (USD Million)

Table 100. Global Sapphire Waterjet Nozzle Consumption Value by Region (2024-2029) & (USD Million)

Table 101. Global Sapphire Waterjet Nozzle Average Price by Region (2018-2023) & (US\$/Unit)

Table 102. Global Sapphire Waterjet Nozzle Average Price by Region (2024-2029) & (US\$/Unit)

Table 103. Global Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2023) & (K Units)

Table 104. Global Sapphire Waterjet Nozzle Sales Quantity by Type (2024-2029) & (K Units)

Table 105. Global Sapphire Waterjet Nozzle Consumption Value by Type (2018-2023) & (USD Million)

Table 106. Global Sapphire Waterjet Nozzle Consumption Value by Type (2024-2029) & (USD Million)



- Table 107. Global Sapphire Waterjet Nozzle Average Price by Type (2018-2023) & (US\$/Unit)
- Table 108. Global Sapphire Waterjet Nozzle Average Price by Type (2024-2029) & (US\$/Unit)
- Table 109. Global Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2023) & (K Units)
- Table 110. Global Sapphire Waterjet Nozzle Sales Quantity by Application (2024-2029) & (K Units)
- Table 111. Global Sapphire Waterjet Nozzle Consumption Value by Application (2018-2023) & (USD Million)
- Table 112. Global Sapphire Waterjet Nozzle Consumption Value by Application (2024-2029) & (USD Million)
- Table 113. Global Sapphire Waterjet Nozzle Average Price by Application (2018-2023) & (US\$/Unit)
- Table 114. Global Sapphire Waterjet Nozzle Average Price by Application (2024-2029) & (US\$/Unit)
- Table 115. North America Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2023) & (K Units)
- Table 116. North America Sapphire Waterjet Nozzle Sales Quantity by Type (2024-2029) & (K Units)
- Table 117. North America Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2023) & (K Units)
- Table 118. North America Sapphire Waterjet Nozzle Sales Quantity by Application (2024-2029) & (K Units)
- Table 119. North America Sapphire Waterjet Nozzle Sales Quantity by Country (2018-2023) & (K Units)
- Table 120. North America Sapphire Waterjet Nozzle Sales Quantity by Country (2024-2029) & (K Units)
- Table 121. North America Sapphire Waterjet Nozzle Consumption Value by Country (2018-2023) & (USD Million)
- Table 122. North America Sapphire Waterjet Nozzle Consumption Value by Country (2024-2029) & (USD Million)
- Table 123. Europe Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2023) & (K Units)
- Table 124. Europe Sapphire Waterjet Nozzle Sales Quantity by Type (2024-2029) & (K Units)
- Table 125. Europe Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2023) & (K Units)
- Table 126. Europe Sapphire Waterjet Nozzle Sales Quantity by Application (2024-2029)



& (K Units)

Table 127. Europe Sapphire Waterjet Nozzle Sales Quantity by Country (2018-2023) & (K Units)

Table 128. Europe Sapphire Waterjet Nozzle Sales Quantity by Country (2024-2029) & (K Units)

Table 129. Europe Sapphire Waterjet Nozzle Consumption Value by Country (2018-2023) & (USD Million)

Table 130. Europe Sapphire Waterjet Nozzle Consumption Value by Country (2024-2029) & (USD Million)

Table 131. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2023) & (K Units)

Table 132. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Type (2024-2029) & (K Units)

Table 133. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2023) & (K Units)

Table 134. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Application (2024-2029) & (K Units)

Table 135. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Region (2018-2023) & (K Units)

Table 136. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity by Region (2024-2029) & (K Units)

Table 137. Asia-Pacific Sapphire Waterjet Nozzle Consumption Value by Region (2018-2023) & (USD Million)

Table 138. Asia-Pacific Sapphire Waterjet Nozzle Consumption Value by Region (2024-2029) & (USD Million)

Table 139. South America Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2023) & (K Units)

Table 140. South America Sapphire Waterjet Nozzle Sales Quantity by Type (2024-2029) & (K Units)

Table 141. South America Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2023) & (K Units)

Table 142. South America Sapphire Waterjet Nozzle Sales Quantity by Application (2024-2029) & (K Units)

Table 143. South America Sapphire Waterjet Nozzle Sales Quantity by Country (2018-2023) & (K Units)

Table 144. South America Sapphire Waterjet Nozzle Sales Quantity by Country (2024-2029) & (K Units)

Table 145. South America Sapphire Waterjet Nozzle Consumption Value by Country (2018-2023) & (USD Million)



Table 146. South America Sapphire Waterjet Nozzle Consumption Value by Country (2024-2029) & (USD Million)

Table 147. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Type (2018-2023) & (K Units)

Table 148. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Type (2024-2029) & (K Units)

Table 149. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Application (2018-2023) & (K Units)

Table 150. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Application (2024-2029) & (K Units)

Table 151. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Region (2018-2023) & (K Units)

Table 152. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity by Region (2024-2029) & (K Units)

Table 153. Middle East & Africa Sapphire Waterjet Nozzle Consumption Value by Region (2018-2023) & (USD Million)

Table 154. Middle East & Africa Sapphire Waterjet Nozzle Consumption Value by Region (2024-2029) & (USD Million)

Table 155. Sapphire Waterjet Nozzle Raw Material

Table 156. Key Manufacturers of Sapphire Waterjet Nozzle Raw Materials

Table 157. Sapphire Waterjet Nozzle Typical Distributors

Table 158. Sapphire Waterjet Nozzle Typical Customers



List Of Figures

LIST OF FIGURES

S

Figure 1. Sapphire Waterjet Nozzle Picture

Figure 2. Global Sapphire Waterjet Nozzle Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Sapphire Waterjet Nozzle Consumption Value Market Share by Type in 2022

Figure 4. 1000~2000Bar Operating Pressure Examples

Figure 5. 2000~3000Bar Operating Pressure Examples

Figure 6. 3000~4000Bar Operating Pressure Examples

Figure 7. ?4000Bar Operating Pressure Examples

Figure 8. Global Sapphire Waterjet Nozzle Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 9. Global Sapphire Waterjet Nozzle Consumption Value Market Share by Application in 2022

Figure 10. Building Materials Store Examples

Figure 11. Manufacturing Plant Examples

Figure 12. Machinery Repair Shop Examples

Figure 13. Construction Project Examples

Figure 14. Water and Electricity Demolition Examples

Figure 15. Others Examples

Figure 16. Global Sapphire Waterjet Nozzle Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 17. Global Sapphire Waterjet Nozzle Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 18. Global Sapphire Waterjet Nozzle Sales Quantity (2018-2029) & (K Units)

Figure 19. Global Sapphire Waterjet Nozzle Average Price (2018-2029) & (US\$/Unit)

Figure 20. Global Sapphire Waterjet Nozzle Sales Quantity Market Share by

Manufacturer in 2022

Figure 21. Global Sapphire Waterjet Nozzle Consumption Value Market Share by Manufacturer in 2022

Figure 22. Producer Shipments of Sapphire Waterjet Nozzle by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 23. Top 3 Sapphire Waterjet Nozzle Manufacturer (Consumption Value) Market Share in 2022

Figure 24. Top 6 Sapphire Waterjet Nozzle Manufacturer (Consumption Value) Market Share in 2022



Figure 25. Global Sapphire Waterjet Nozzle Sales Quantity Market Share by Region (2018-2029)

Figure 26. Global Sapphire Waterjet Nozzle Consumption Value Market Share by Region (2018-2029)

Figure 27. North America Sapphire Waterjet Nozzle Consumption Value (2018-2029) & (USD Million)

Figure 28. Europe Sapphire Waterjet Nozzle Consumption Value (2018-2029) & (USD Million)

Figure 29. Asia-Pacific Sapphire Waterjet Nozzle Consumption Value (2018-2029) & (USD Million)

Figure 30. South America Sapphire Waterjet Nozzle Consumption Value (2018-2029) & (USD Million)

Figure 31. Middle East & Africa Sapphire Waterjet Nozzle Consumption Value (2018-2029) & (USD Million)

Figure 32. Global Sapphire Waterjet Nozzle Sales Quantity Market Share by Type (2018-2029)

Figure 33. Global Sapphire Waterjet Nozzle Consumption Value Market Share by Type (2018-2029)

Figure 34. Global Sapphire Waterjet Nozzle Average Price by Type (2018-2029) & (US\$/Unit)

Figure 35. Global Sapphire Waterjet Nozzle Sales Quantity Market Share by Application (2018-2029)

Figure 36. Global Sapphire Waterjet Nozzle Consumption Value Market Share by Application (2018-2029)

Figure 37. Global Sapphire Waterjet Nozzle Average Price by Application (2018-2029) & (US\$/Unit)

Figure 38. North America Sapphire Waterjet Nozzle Sales Quantity Market Share by Type (2018-2029)

Figure 39. North America Sapphire Waterjet Nozzle Sales Quantity Market Share by Application (2018-2029)

Figure 40. North America Sapphire Waterjet Nozzle Sales Quantity Market Share by Country (2018-2029)

Figure 41. North America Sapphire Waterjet Nozzle Consumption Value Market Share by Country (2018-2029)

Figure 42. United States Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 43. Canada Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 44. Mexico Sapphire Waterjet Nozzle Consumption Value and Growth Rate



(2018-2029) & (USD Million)

Figure 45. Europe Sapphire Waterjet Nozzle Sales Quantity Market Share by Type (2018-2029)

Figure 46. Europe Sapphire Waterjet Nozzle Sales Quantity Market Share by Application (2018-2029)

Figure 47. Europe Sapphire Waterjet Nozzle Sales Quantity Market Share by Country (2018-2029)

Figure 48. Europe Sapphire Waterjet Nozzle Consumption Value Market Share by Country (2018-2029)

Figure 49. Germany Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. France Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. United Kingdom Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 52. Russia Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 53. Italy Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 54. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity Market Share by Type (2018-2029)

Figure 55. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity Market Share by Application (2018-2029)

Figure 56. Asia-Pacific Sapphire Waterjet Nozzle Sales Quantity Market Share by Region (2018-2029)

Figure 57. Asia-Pacific Sapphire Waterjet Nozzle Consumption Value Market Share by Region (2018-2029)

Figure 58. China Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Japan Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Korea Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 61. India Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 62. Southeast Asia Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 63. Australia Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)



Figure 64. South America Sapphire Waterjet Nozzle Sales Quantity Market Share by Type (2018-2029)

Figure 65. South America Sapphire Waterjet Nozzle Sales Quantity Market Share by Application (2018-2029)

Figure 66. South America Sapphire Waterjet Nozzle Sales Quantity Market Share by Country (2018-2029)

Figure 67. South America Sapphire Waterjet Nozzle Consumption Value Market Share by Country (2018-2029)

Figure 68. Brazil Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 69. Argentina Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 70. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity Market Share by Type (2018-2029)

Figure 71. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity Market Share by Application (2018-2029)

Figure 72. Middle East & Africa Sapphire Waterjet Nozzle Sales Quantity Market Share by Region (2018-2029)

Figure 73. Middle East & Africa Sapphire Waterjet Nozzle Consumption Value Market Share by Region (2018-2029)

Figure 74. Turkey Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Egypt Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 76. Saudi Arabia Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 77. South Africa Sapphire Waterjet Nozzle Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 78. Sapphire Waterjet Nozzle Market Drivers

Figure 79. Sapphire Waterjet Nozzle Market Restraints

Figure 80. Sapphire Waterjet Nozzle Market Trends

Figure 81. Porters Five Forces Analysis

Figure 82. Manufacturing Cost Structure Analysis of Sapphire Waterjet Nozzle in 2022

Figure 83. Manufacturing Process Analysis of Sapphire Waterjet Nozzle

Figure 84. Sapphire Waterjet Nozzle Industrial Chain

Figure 85. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 86. Direct Channel Pros & Cons

Figure 87. Indirect Channel Pros & Cons

Figure 88. Methodology



Figure 89. Research Process and Data Source



I would like to order

Product name: Global Sapphire Waterjet Nozzle Market 2023 by Manufacturers, Regions, Type and

Application, Forecast to 2029

Product link: https://marketpublishers.com/r/G907E7A20CB9EN.html

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G907E7A20CB9EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

