

Intelligent Pigging - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Intelligent Pigging Market is accounted for \$627.05 million in 2020 and is expected to reach \$1,055.04 million by 2028 growing at a CAGR of 6.7% during the forecast period. An increase in the network of the pipeline for oil and gas transportation and increasing government regulations for pipeline inspection are major factors driving the market growth. However, unpiggable pipelines' rendering intelligent pigging cumbersome is hampering the growth of the market.

Intelligent pigging is a technique for inspecting pipelines using digital technology for keenly understanding the internal condition of pipelines. It is mostly used for gathering important data, like the presence and location of corrosion, bends or irregularities on the inner walls of the pipe. Intelligent pigging helps to clean pipelines by scrapping the sides of the pipe and removing dirt and debris by travelling through pipes. Intelligent pigging service for pipelines is currently in demand due to the complexities led by the mandatory pipeline inspection. With intelligent pigging pipeline operators access the data to mitigate risk and ensure safety effectively by evaluating signs of metal loss, corrosion detection, and other physical defects.

Based on the technology, the magnetic flux leakage (MFL) pigs segment is going to have lucrative growth during the forecast period as the magnetic flux leakage (MFL) based intelligent pigging is used for inspecting and measuring the metal loss in terms of corrosion or gouges. MFL technology is a more preferred technology as it does not require any liquid couplant and magnetic flux leakage pigs can run in both liquid and gas pipelines unlike ultrasonic technology-based intelligent pigs. The MFL technology-based intelligent pigs are mostly implemented as it can measure metal loss or corrosion even for thin-walled pipelines, and achieve accurate measurements for thin-walled pipelines hence the demand for MFL pigs' increases driving the market growth.

By geography, North America is going to have high growth during the forecast period

owing to the presence of the largest pipeline infrastructure across the United States and stringent regulations governing the operations and integrity of pipelines and North America is one of the prominent regions for oil & gas pipeline networks. With the under construction and proposed pipeline networks in North America, the region is known to dominate the intelligent pigging network. With unlocking the hydrocarbon resources in low permeability shale formations, the United States becomes one of the leading producers of oil and gas across the world and is expected to remain the same during the forecast period. Expansion of oil & gas processing frameworks across the United States drives the growth of the North America intelligent pigging market.

Some of the key players profiled in the Intelligent Pigging Market include Baker Hughes , Corrosion Control Engineering, Rouge Pipeline & Process Services, Quest Integrity Group, Rosen Group, Onstream Pipeline Inspection Services Inc., Penspen, A Hak Industrial Services BV, NDT Global Inc., Intertek Group plc, CDRiA Pipeline Services, Halfwave As and Enduro Pipeline Services.

Technologies Covered:

Caliper Pigs

Ultrasonic Pigs

Magnetic Flux Leakage Pigs

Pipeline Types Covered:

Liquid

Gas

Oil

Applications Covered:

Geometry Measurement & Bend Detection

Crack & Leak Detection

Metal Loss/Corrosion Detection

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Technology Analysis
- 3.7 Application Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL INTELLIGENT PIGGING MARKET, BY TECHNOLOGY

- 5.1 Introduction
- 5.2 Caliper Pigs
- 5.3 Ultrasonic Pigs
- 5.4 Magnetic Flux Leakage Pigs

6 GLOBAL INTELLIGENT PIGGING MARKET, BY PIPELINE TYPE

- 6.1 Introduction
- 6.2 Liquid
- 6.3 Gas
- 6.4 Oil

7 GLOBAL INTELLIGENT PIGGING MARKET, BY APPLICATION

- 7.1 Introduction
- 7.2 Geometry Measurement & Bend Detection
- 7.3 Crack & Leak Detection
- 7.4 Metal Loss/Corrosion Detection

8 GLOBAL INTELLIGENT PIGGING MARKET, BY GEOGRAPHY

- 8.1 Introduction
- 8.2 North America
 - 8.2.1 US
 - 8.2.2 Canada
 - 8.2.3 Mexico
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.2 UK
 - 8.3.3 Italy
 - 8.3.4 France
 - 8.3.5 Spain
 - 8.3.6 Rest of Europe
- 8.4 Asia Pacific
 - 8.4.1 Japan
 - 8.4.2 China
 - 8.4.3 India

- 8.4.4 Australia
- 8.4.5 New Zealand
- 8.4.6 South Korea
- 8.4.7 Rest of Asia Pacific
- 8.5 South America
 - 8.5.1 Argentina
 - 8.5.2 Brazil
 - 8.5.3 Chile
 - 8.5.4 Rest of South America
- 8.6 Middle East & Africa
 - 8.6.1 Saudi Arabia
 - 8.6.2 UAE
 - 8.6.3 Qatar
 - 8.6.4 South Africa
 - 8.6.5 Rest of Middle East & Africa

9 KEY DEVELOPMENTS

- 9.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 9.2 Acquisitions & Mergers
- 9.3 New Product Launch
- 9.4 Expansions
- 9.5 Other Key Strategies

10 COMPANY PROFILING

- 10.1 Baker Hughes
- 10.2 Corrosion Control Engineering
- 10.3 Rouge Pipeline & Process Services
- 10.4 Quest Integrity Group
- 10.5 Rosen Group
- 10.6 Onstream Pipeline Inspection Services Inc.
- 10.7 Penspen
- 10.8 A Hak Industrial Services BV
- 10.9 NDT Global Inc.
- 10.10 Intertek Group plc
- 10.11 CDRiA Pipeline Services
- 10.12 Halfwave As
- 10.13 Enduro Pipeline Services

List Of Tables

LIST OF TABLES

Table 1 Global Intelligent Pigging Market Outlook, By Region (2019-2028) (US \$MN)

Table 2 Global Intelligent Pigging Market Outlook, By Technology (2019-2028) (US \$MN)

Table 3 Global Intelligent Pigging Market Outlook, By Caliper Pigs (2019-2028) (US \$MN)

Table 4 Global Intelligent Pigging Market Outlook, By Ultrasonic Pigs (2019-2028) (US \$MN)

Table 5 Global Intelligent Pigging Market Outlook, By Magnetic Flux Leakage Pigs (2019-2028) (US \$MN)

Table 6 Global Intelligent Pigging Market Outlook, By Pipeline Type (2019-2028) (US \$MN)

Table 7 Global Intelligent Pigging Market Outlook, By Liquid (2019-2028) (US \$MN)

Table 8 Global Intelligent Pigging Market Outlook, By Gas (2019-2028) (US \$MN)

Table 9 Global Intelligent Pigging Market Outlook, By Oil (2019-2028) (US \$MN)

Table 10 Global Intelligent Pigging Market Outlook, By Application (2019-2028) (US \$MN)

Table 11 Global Intelligent Pigging Market Outlook, By Geometry Measurement & Bend Detection (2019-2028) (US \$MN)

Table 12 Global Intelligent Pigging Market Outlook, By Crack & Leak Detection (2019-2028) (US \$MN)

Table 13 Global Intelligent Pigging Market Outlook, By Metal Loss/Corrosion Detection (2019-2028) (US \$MN)

Table 14 North America Intelligent Pigging Market Outlook, By Country (2019-2028) (US \$MN)

Table 15 North America Intelligent Pigging Market Outlook, By Technology (2019-2028) (US \$MN)

Table 16 North America Intelligent Pigging Market Outlook, By Caliper Pigs (2019-2028) (US \$MN)

Table 17 North America Intelligent Pigging Market Outlook, By Ultrasonic Pigs (2019-2028) (US \$MN)

Table 18 North America Intelligent Pigging Market Outlook, By Magnetic Flux Leakage Pigs (2019-2028) (US \$MN)

Table 19 North America Intelligent Pigging Market Outlook, By Pipeline Type (2019-2028) (US \$MN)

Table 20 North America Intelligent Pigging Market Outlook, By Liquid (2019-2028) (US \$MN)

\$MN)

Table 21 North America Intelligent Pigging Market Outlook, By Gas (2019-2028) (US \$MN)

Table 22 North America Intelligent Pigging Market Outlook, By Oil (2019-2028) (US \$MN)

Table 23 North America Intelligent Pigging Market Outlook, By Application (2019-2028) (US \$MN)

Table 24 North America Intelligent Pigging Market Outlook, By Geometry Measurement & Bend Detection (2019-2028) (US \$MN)

Table 25 North America Intelligent Pigging Market Outlook, By Crack & Leak Detection (2019-2028) (US \$MN)

Table 26 North America Intelligent Pigging Market Outlook, By Metal Loss/Corrosion Detection (2019-2028) (US \$MN)

Table 27 Europe Intelligent Pigging Market Outlook, By Country (2019-2028) (US \$MN)

Table 28 Europe Intelligent Pigging Market Outlook, By Technology (2019-2028) (US \$MN)

Table 29 Europe Intelligent Pigging Market Outlook, By Caliper Pigs (2019-2028) (US \$MN)

Table 30 Europe Intelligent Pigging Market Outlook, By Ultrasonic Pigs (2019-2028) (US \$MN)

Table 31 Europe Intelligent Pigging Market Outlook, By Magnetic Flux Leakage Pigs (2019-2028) (US \$MN)

Table 32 Europe Intelligent Pigging Market Outlook, By Pipeline Type (2019-2028) (US \$MN)

Table 33 Europe Intelligent Pigging Market Outlook, By Liquid (2019-2028) (US \$MN)

Table 34 Europe Intelligent Pigging Market Outlook, By Gas (2019-2028) (US \$MN)

Table 35 Europe Intelligent Pigging Market Outlook, By Oil (2019-2028) (US \$MN)

Table 36 Europe Intelligent Pigging Market Outlook, By Application (2019-2028) (US \$MN)

Table 37 Europe Intelligent Pigging Market Outlook, By Geometry Measurement & Bend Detection (2019-2028) (US \$MN)

Table 38 Europe Intelligent Pigging Market Outlook, By Crack & Leak Detection (2019-2028) (US \$MN)

Table 39 Europe Intelligent Pigging Market Outlook, By Metal Loss/Corrosion Detection (2019-2028) (US \$MN)

Table 40 Asia Pacific Intelligent Pigging Market Outlook, By Country (2019-2028) (US \$MN)

Table 41 Asia Pacific Intelligent Pigging Market Outlook, By Technology (2019-2028) (US \$MN)

Table 42 Asia Pacific Intelligent Pigging Market Outlook, By Caliper Pigs (2019-2028)
(US \$MN)

Table 43 Asia Pacific Intelligent Pigging Market Outlook, By Ultrasonic Pigs (2019-2028)
(US \$MN)

Table 44 Asia Pacific Intelligent Pigging Market Outlook, By Magnetic Flux Leakage
Pigs (2019-2028) (US \$MN)

Table 45 Asia Pacific Intelligent Pigging Market Outlook, By Pipeline Type (2019-2028)
(US \$MN)

Table 46 Asia Pacific Intelligent Pigging Market Outlook, By Liquid (2019-2028) (US
\$MN)

Table 47 Asia Pacific Intelligent Pigging Market Outlook, By Gas (2019-2028) (US \$MN)

Table 48 Asia Pacific Intelligent Pigging Market Outlook, By Oil (2019-2028) (US \$MN)

Table 49 Asia Pacific Intelligent Pigging Market Outlook, By Application (2019-2028)
(US \$MN)

Table 50 Asia Pacific Intelligent Pigging Market Outlook, By Geometry Measurement &
Bend Detection (2019-2028) (US \$MN)

Table 51 Asia Pacific Intelligent Pigging Market Outlook, By Crack & Leak Detection
(2019-2028) (US \$MN)

Table 52 Asia Pacific Intelligent Pigging Market Outlook, By Metal Loss/Corrosion
Detection (2019-2028) (US \$MN)

Table 53 South America Intelligent Pigging Market Outlook, By Country (2019-2028)
(US \$MN)

Table 54 South America Intelligent Pigging Market Outlook, By Technology (2019-2028)
(US \$MN)

Table 55 South America Intelligent Pigging Market Outlook, By Caliper Pigs
(2019-2028) (US \$MN)

Table 56 South America Intelligent Pigging Market Outlook, By Ultrasonic Pigs
(2019-2028) (US \$MN)

Table 57 South America Intelligent Pigging Market Outlook, By Magnetic Flux Leakage
Pigs (2019-2028) (US \$MN)

Table 58 South America Intelligent Pigging Market Outlook, By Pipeline Type
(2019-2028) (US \$MN)

Table 59 South America Intelligent Pigging Market Outlook, By Liquid (2019-2028) (US
\$MN)

Table 60 South America Intelligent Pigging Market Outlook, By Gas (2019-2028) (US
\$MN)

Table 61 South America Intelligent Pigging Market Outlook, By Oil (2019-2028) (US
\$MN)

Table 62 South America Intelligent Pigging Market Outlook, By Application (2019-2028)

(US \$MN)

Table 63 South America Intelligent Pigging Market Outlook, By Geometry Measurement & Bend Detection (2019-2028) (US \$MN)

Table 64 South America Intelligent Pigging Market Outlook, By Crack & Leak Detection (2019-2028) (US \$MN)

Table 65 South America Intelligent Pigging Market Outlook, By Metal Loss/Corrosion Detection (2019-2028) (US \$MN)

Table 66 Middle East & Africa Intelligent Pigging Market Outlook, By Country (2019-2028) (US \$MN)

Table 67 Middle East & Africa Intelligent Pigging Market Outlook, By Technology (2019-2028) (US \$MN)

Table 68 Middle East & Africa Intelligent Pigging Market Outlook, By Caliper Pigs (2019-2028) (US \$MN)

Table 69 Middle East & Africa Intelligent Pigging Market Outlook, By Ultrasonic Pigs (2019-2028) (US \$MN)

Table 70 Middle East & Africa Intelligent Pigging Market Outlook, By Magnetic Flux Leakage Pigs (2019-2028) (US \$MN)

Table 71 Middle East & Africa Intelligent Pigging Market Outlook, By Pipeline Type (2019-2028) (US \$MN)

Table 72 Middle East & Africa Intelligent Pigging Market Outlook, By Liquid (2019-2028) (US \$MN)

Table 73 Middle East & Africa Intelligent Pigging Market Outlook, By Gas (2019-2028) (US \$MN)

Table 74 Middle East & Africa Intelligent Pigging Market Outlook, By Oil (2019-2028) (US \$MN)

Table 75 Middle East & Africa Intelligent Pigging Market Outlook, By Application (2019-2028) (US \$MN)

Table 76 Middle East & Africa Intelligent Pigging Market Outlook, By Geometry Measurement & Bend Detection (2019-2028) (US \$MN)

Table 77 Middle East & Africa Intelligent Pigging Market Outlook, By Crack & Leak Detection (2019-2028) (US \$MN)

Table 78 Middle East & Africa Intelligent Pigging Market Outlook, By Metal Loss/Corrosion Detection (2019-2028) (US \$MN)

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