

Global Industrial Robot Market: Size, Trends & Forecasts (2021-2025 Edition)

April 2021



Global Industrial Robot Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Dynamics

Competitive Landscape

Company Profiling

Global Industrial Robot Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Industrial Robot Market: Size, Trends & Forecasts (2021-2025 Edition)
Coverage	Global and Regional
Regional Coverage	Asia-Pacific, Europe, Americas, ROW
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2021-2025
Competition in the Market	Fragmented
Key Players	Fanuc Corporation, ABB Group, KUKA Group, Yaskawa Electric Corporation

Global Industrial Robot Market

Executive Summary

Industrial robots are mechanical devices which are used in the manufacturing industry for performing complex and dangerous tasks with greater efficiency as compared to human workers. The robots have the capability of replicating human motions and prove to be very useful in carrying out repetitive tasks. Industrial robots can be easily programmed for performing a variety of tasks such as welding, painting, assembling and disassembling and product inspection.

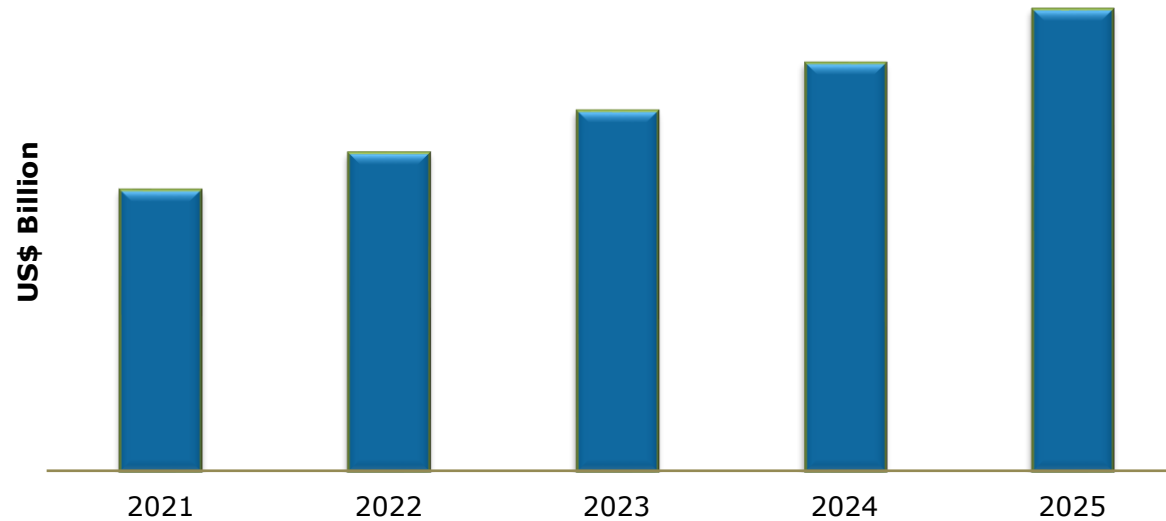
Industrial robots have been segmented on the basis of type, end-user and function. The types of industrial robots include articulated, Cartesian, cylindrical, selective compliant assembly robot arm (SCARA), parallel and others.

On the basis of application, industrial robots have been divided into automotive, electrical/ electronics, metal and machinery, plastic and chemical products, food and others. Various functions performed by industrial robots include soldering and welding, material handling, assembling and disassembling, painting and dispensing, milling, cutting, processing, etc.

The global industrial robot market has witnessed continuous growth in the past few years and is projected to grow even further during the forecast period (2021-2025). The market is expected to be driven by various growth enhancing factors such as growing electronics industry, declining industrial robot prices, high labor costs, etc. However, the market is not free from challenges that are hindering its growth. Some of the major challenges faced by the market are large upfront investment and safety issues.

Industrial Robot Market: Global Analysis

Global Industrial Robot Market by Value

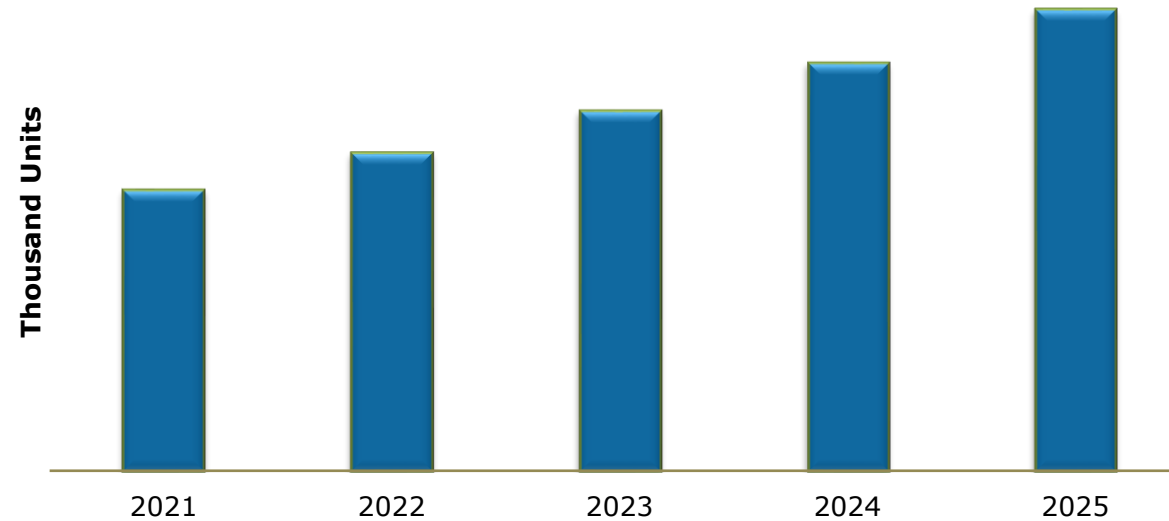


CAGRs	
2021-2025	xx%

The global industrial robot market is anticipated to reach up to US\$... billion by 2025 from US\$... billion in 2020 at a CAGR of xx% during the period 2021-2025.

Industrial Robot Market: Global Analysis

Global Industrial Robot Market by Volume



CAGRs	
2021-2025	xx%

The global industrial robot market volume is anticipated to grow to ... thousand units in 2025 from ... thousand units in 2021 at a CAGR of ...% during the period 2021-2025.

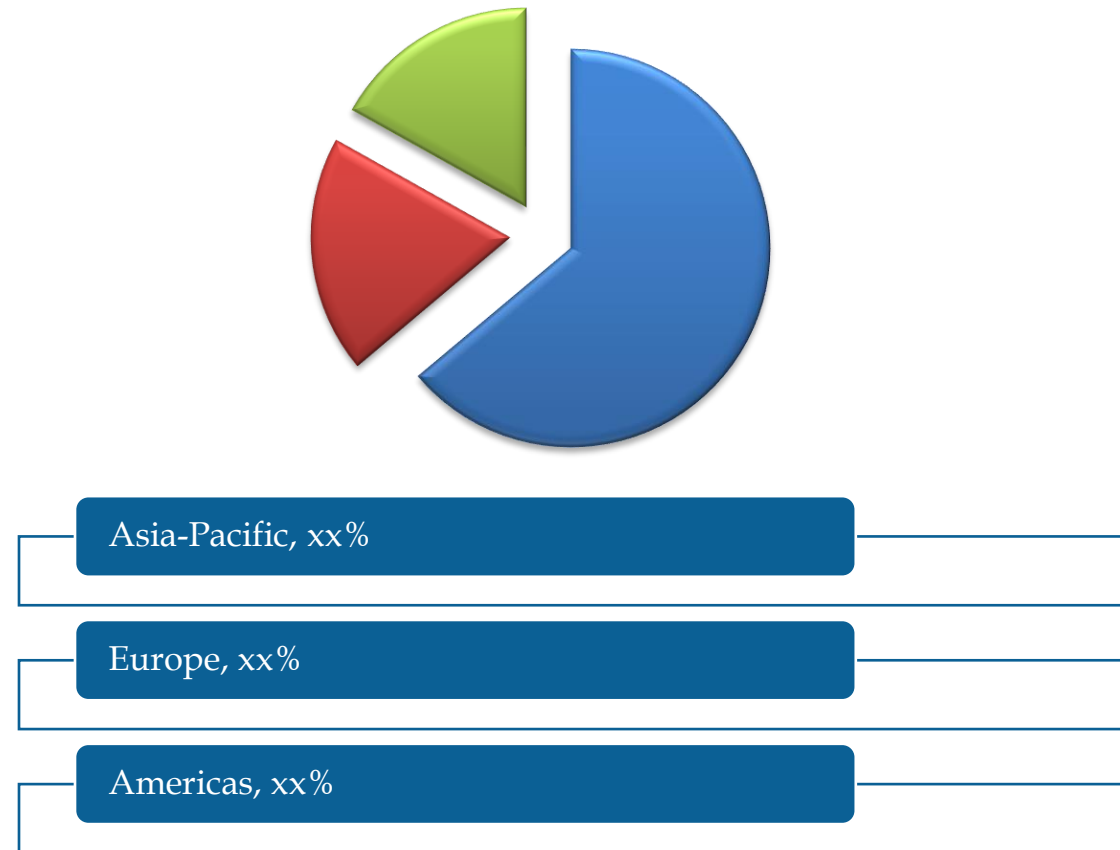
Industrial Robot Market: Global Analysis

Global Industrial Robot Market Value by Region; 2020



Industrial Robot Market: Global Analysis

Global Industrial Robot Market Volume by Region; 2020



Industrial Robot Market: Global Analysis

Global Industrial Robot Market Volume by Segments; 2020



Segments	Share
Traditional Industrial Robot	xx%
Collaborative Industrial Robot	xx%

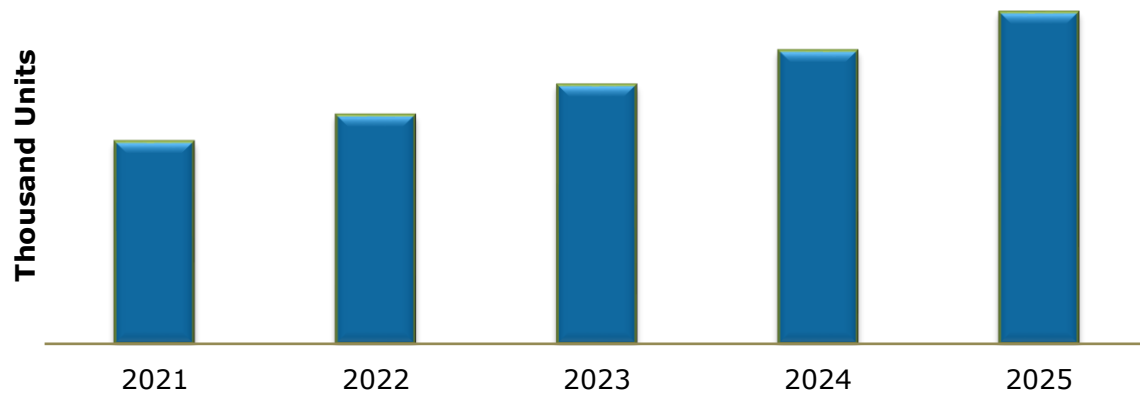
Global Industrial Robot Market Volume by Application; 2020



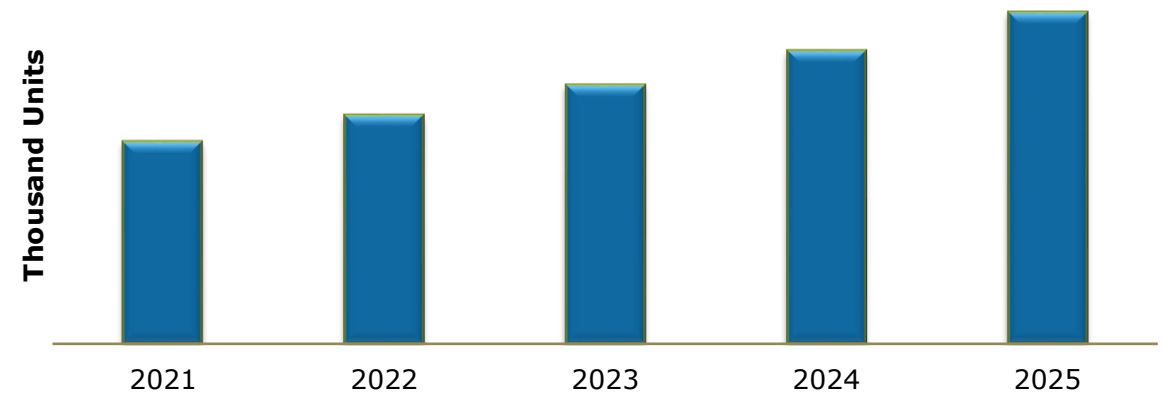
Applications	Share
Electrical/ Electronics	xx%
Automotive	xx%
Metal and Machinery	xx%
Plastic and Chemical Products	xx%
Food	xx%
Other Applications	xx%

Industrial Robot Market: Segment Analysis

Global Traditional Industrial Robot Market by Volume



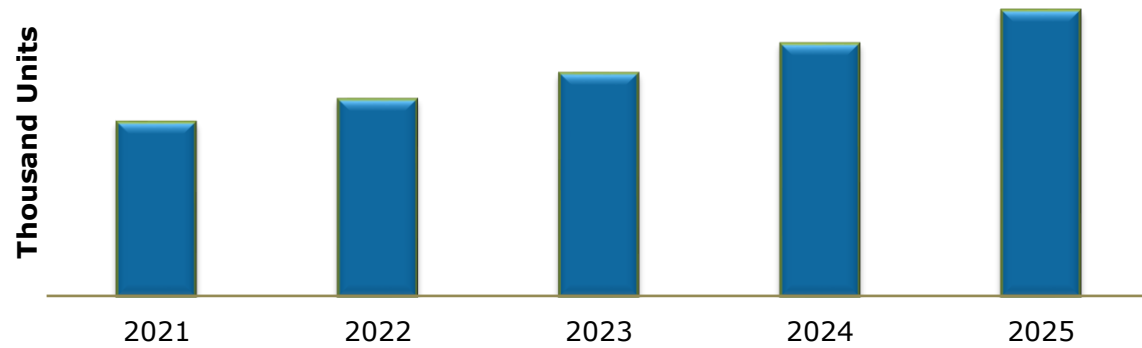
Global Collaborative Industrial Robot Market by Volume



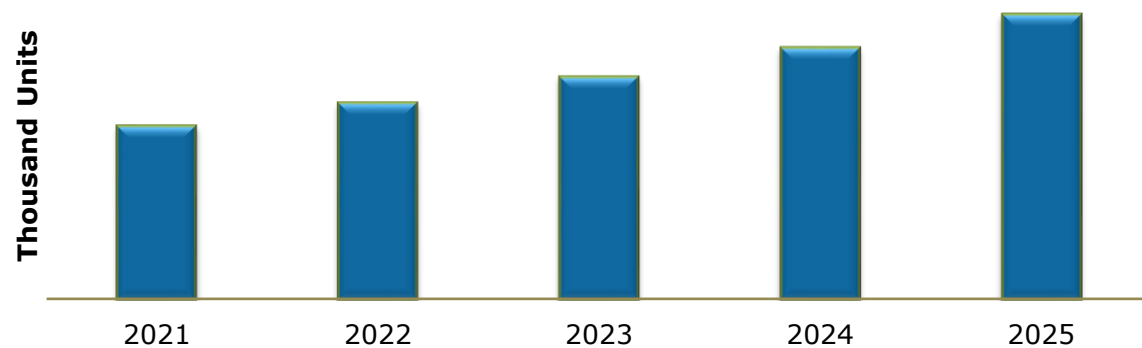
Segments	CAGR
	2021-2025
Traditional Industrial Robot	xx%
Collaborative Industrial Robot	xx%

Industrial Robot Market: Application Analysis

Global Electrical/ Electronics Industrial Robot Market by Volume



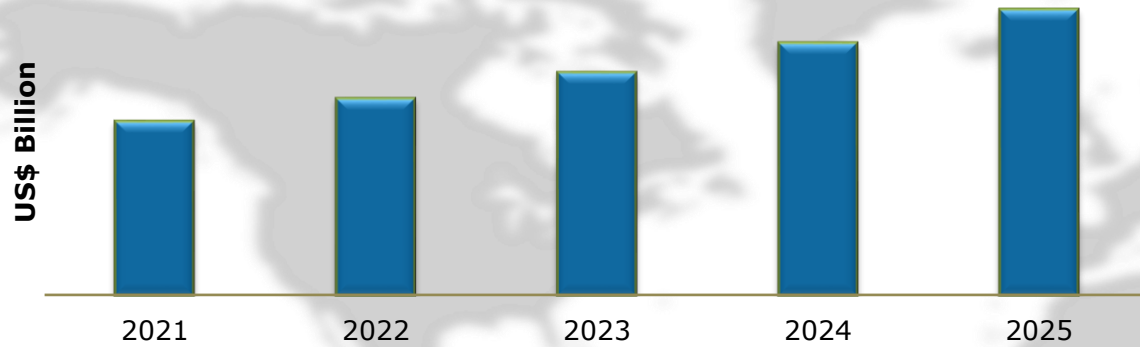
Global Automotive Industrial Robot Market by Volume



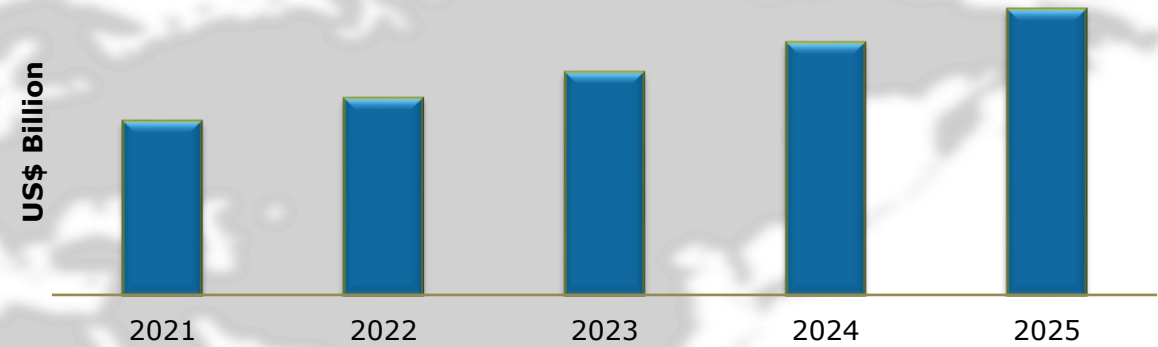
Applications	CAGR
	2021-2025
Electrical/ Electronics	xx%
Automotive	xx%
Metal and Machinery	xx%
Plastic and Chemical Products	xx%
Food	xx%
Other Applications	xx%

Industrial Robot Market: Regional Analysis

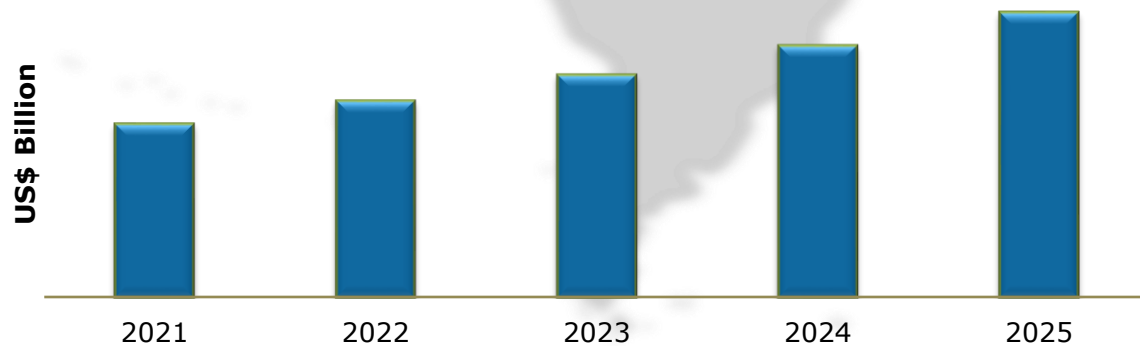
Asia-Pacific Industrial Robot Market by Value



Europe Industrial Robot Market by Value



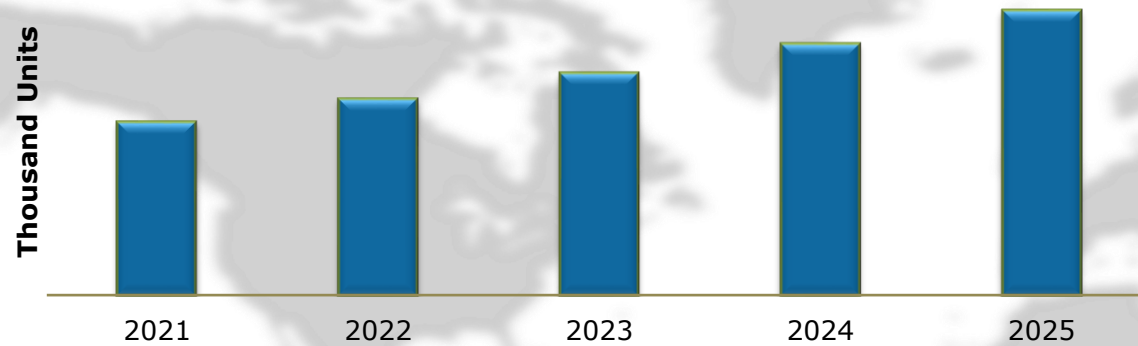
Americas Industrial Robot Market by Value



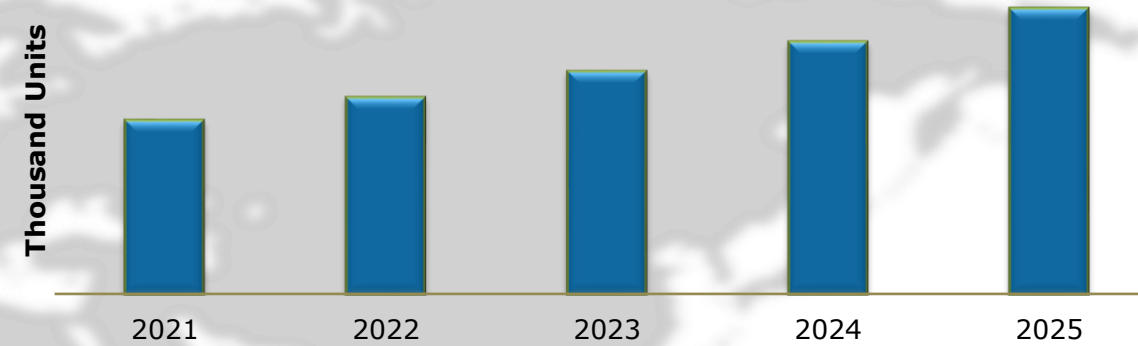
Region	CAGR
	2021-2025
Asia-Pacific	xx%
Europe	xx%
Americas	xx%
ROW	xx%

Industrial Robot Market: Regional Analysis

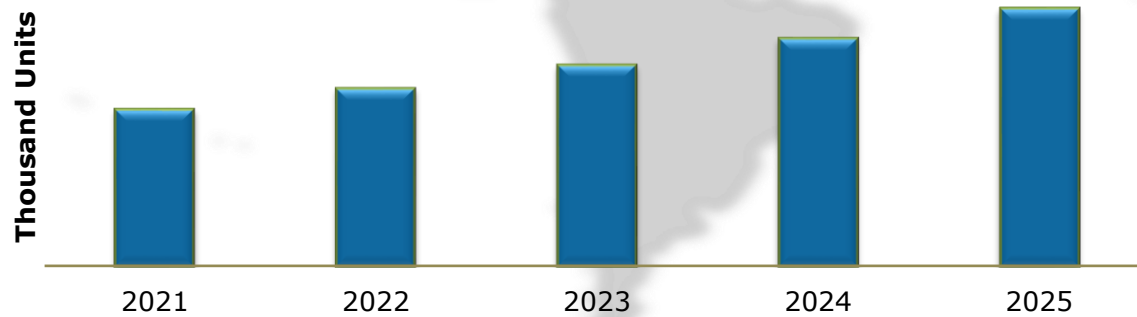
Asia-Pacific Industrial Robot Market by Volume



Europe Industrial Robot Market by Volume



Americas Industrial Robot Market by Volume



Region	CAGR
	2021-2025
Asia-Pacific	xx%
Europe	xx%
Americas	xx%

Asia-Pacific Industrial Robot Market: An Analysis

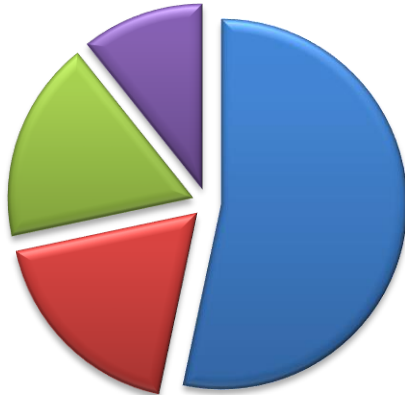
Asia-Pacific Industrial Robot Market Value by Region; 2020



China, xx%

Asia-Pacific (Excluding China), xx%

Asia-Pacific Industrial Robot Market Volume by Region; 2020



China, xx%

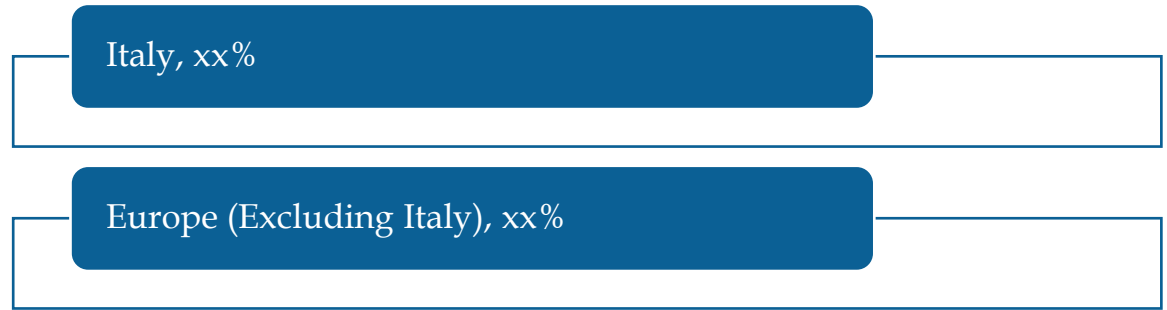
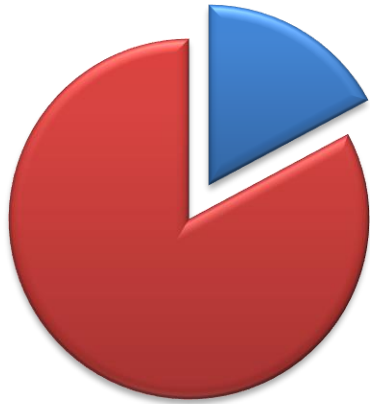
Republic of Korea, xx%

Japan, xx%

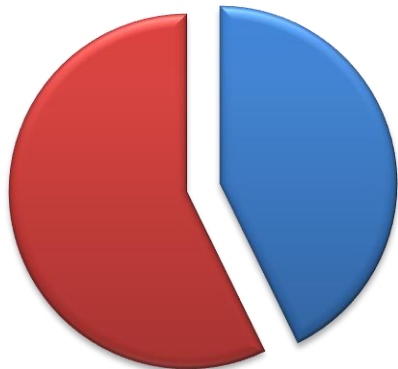
Asia-Pacific (Excluding China, Japan and Republic of Korea), xx%

Europe Industrial Robot Market: An Analysis

Europe Industrial Robot Market Value by Region; 2020

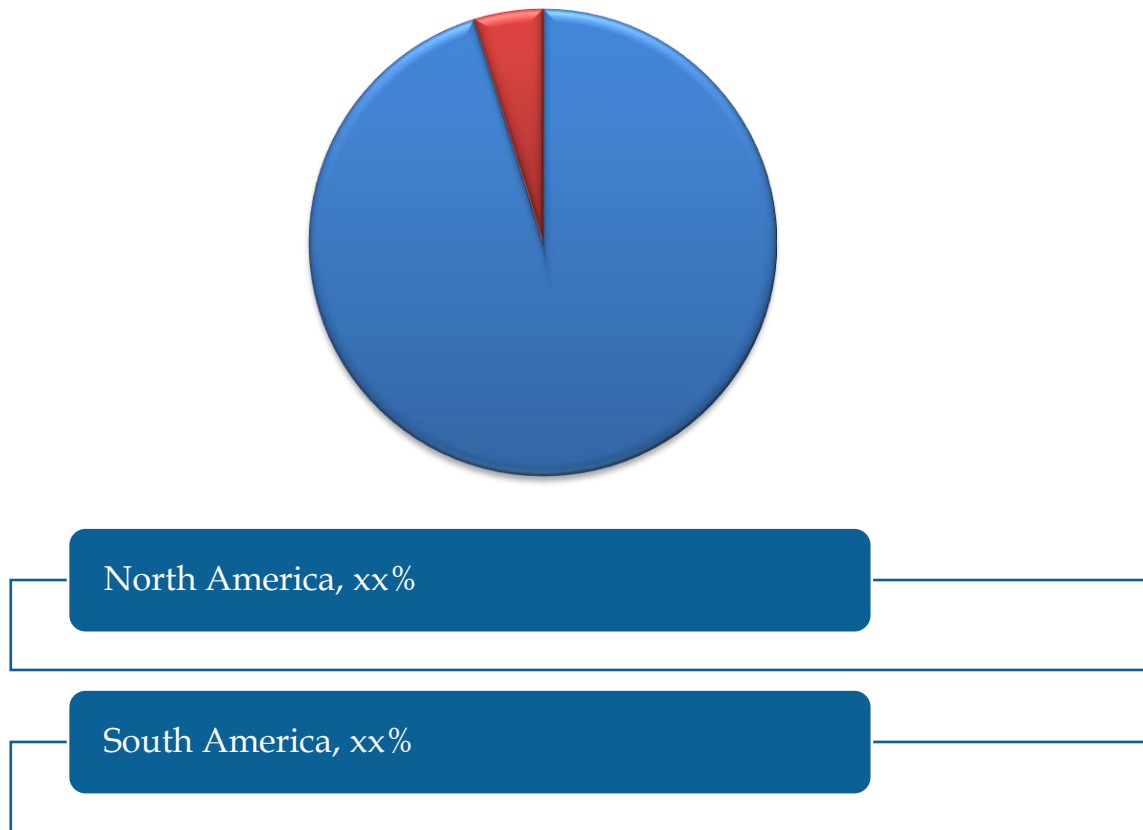


Europe Industrial Robot Market Volume by Region; 2020

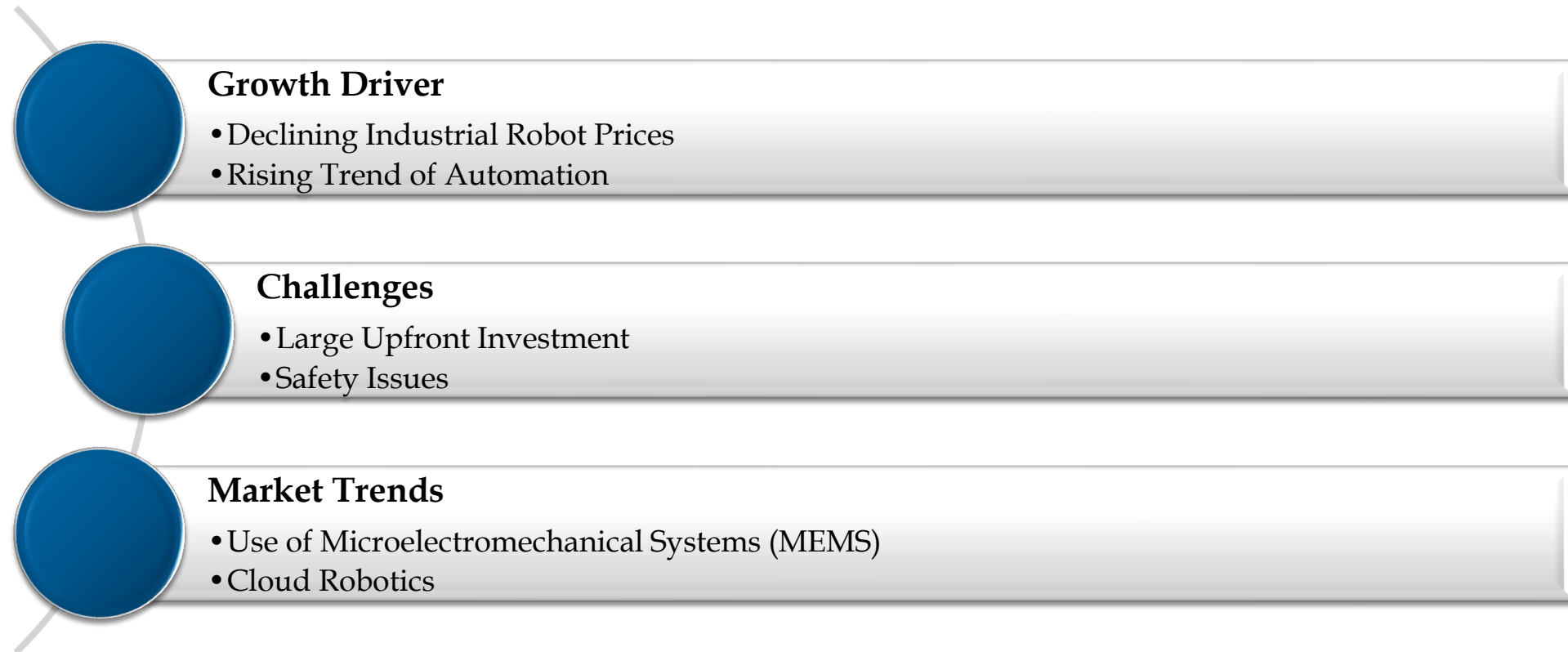


Americas Industrial Robot Market: An Analysis

Americas Industrial Robot Market Volume by Region; 2020



Industrial Robot Market: Dynamics



Industrial Robot Market: Competitive Landscape

Players Profiled

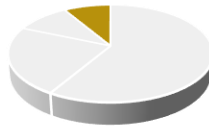
- Fanuc Corporation



- ABB Group



- KUKA Group



- Yaskawa Electric Corporation



Note: The graphs on this slide are only for sample representation.