

# 2018-2023 Global Robotics End-of-arm Tooling Consumption Market Report

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# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Robotics End-of-arm Tooling market for 2018-2023.

A robot's end of arm tool (EOAT) is selected based on the operation it will perform and is specific to the part or tool that it manipulates. Robot users often need customized solutions to engage uniquely shaped objects but this is typically a costly and time-consuming approach.

End of arm tooling are devices by which a robot interrelates with other machines around it, conducting, clutching, and operating on various parts. An end-effector is one of the prime parts and an important component of the robotic system. Advent of technology has led to improvement in end-effector to execute different set of tasks according to the program. Robots with multiple arms comprise multiple end-effectors.

One of the major drivers for this market is growth in popularity of cobots. Traditionally, industrial robots used in packaging applications were kept behind barriers or cages to prevent contact from humans by accident. To ensure safety, multiple safety measures regulate the use of these robots, such as restricting their motion to the human-free territory with safety interlocks that halt the robot's movements when humans enter those zones. On the other hand, one of the major factors hindering the growth of this market is high initial cost of robotic implementation.

Over the next five years, LPI(LP Information) projects that Robotics End-of-arm Tooling will register a 7.3% CAGR in terms of revenue, reach US\$ 2420 million by 2023, from US\$ 1580 million in 2017.



This report presents a comprehensive overview, market shares, and growth opportunities of Robotics End-of-arm Tooling market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:		
Robot Grippers		
Robotic Tools		
Segmentation by application:		
Automotive		
Semiconductor And Electronics		
Food And Beverage		
Pharmaceuticals		
Industrial Machinery		
Logistics		
Other		
This report also splits the market by region:		
Americas		
United States		

Canada



	Mexico	
	Brazil	
APAC		
	China	
	Japan	
	Korea	
	Southeast Asia	
	India	
	Australia	
Europe		
	Germany	
	France	
	UK	
	Italy	
	Russia	
	Spain	
Middle East & Africa		
	Egypt	
	South Africa	
	Israel	



Turkey
GCC Countries
The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:
Schunk
Festo
SMC
Robotiq
Zimmer
Destaco
ATI Industrial Automation
EMI
IAI
Applied Robotics
Schmalz
RAD
FIPA
SAS Automation

**Bastian Solutions** 



Soft Robotics

Grabit

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

#### RESEARCH OBJECTIVES

To study and analyze the global Robotics End-of-arm Tooling consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Robotics End-of-arm Tooling market by identifying its various subsegments.

Focuses on the key global Robotics End-of-arm Tooling manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Robotics End-of-arm Tooling with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Robotics End-of-arm Tooling submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their



growth strategies.



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