FIVE-YEAR MARKET ANALYSIS AND TECHNOLOGY FORECAST THROUGH 2020

FLEXIBILITY DRIVES MACHINERY AUTOMATION MARKET

This base year 2015 report examines various trends and dynamics impacting each of the production machinery market segments.

Production operations for both process and discrete manufacturing are becoming safer, more flexible, and more connected.

As the global manufacturing environment changes in a rapid and dramatic way, machinery will need to be designed to meet the demands of the manufacturing community. Machines will need to be redesigned to support an increasingly greater variety and number of sensors that allow for interrogation, fault detection, failure prediction, and more performance analysis.

Evaluation of machine performance is changing, as customers and machine builders begin monitoring their machinery to determine optimal running conditions. This has become the predominant business case for developing an ecosystem built on the Industrial Internet of Things (IIoT) in the industrial machinery market.

In Europe, a lower Euro value has benefited the suppliers in export-oriented European countries, especially Germany, providing them with more opportunities to sell additional automation products to export-oriented OEM machine builders in the region.

For more information, please visit us at www.arcweb.com/market-studies/.

STRATEGIC ISSUES

Automation is increasingly more vital as OEMs continue to face challenges to compete in the global economy. Based on our research and experience, ARC suggests the following strategies for success in the production machinery automation market:

- Provide technology that improves after-market services
- Leverage Industrial IoT based on intelligent sensors and connected automation solutions
- Identify areas to integrate safety with other features

RESEARCH FOCUS AREAS

STRATEGIC ANALYSIS
Major Trends
Regional Trends
Strategic Recommendations

COMPETITIVE ANALYSIS
Market Shares of the Leading Suppliers
Market Shares by Region
North America
Europe, Middle East, Africa
Asia
Latin America

Market Shares by Automation Product
AC Drives (LP and HP)
CNCs
Discrete I/O
General Motion Control
HMI Software
Industrial PCs
Machine Safeguarding
Machine Vision
Operator Panels
Photoelectric Sensors
PLCs
Proximity Sensors

Market Shares by Machinery Segment
Compressor, Pump, & Blower
Converting
Crane, Hoist, & Monorail
Electronics
Elevator, Escalator, & Door

Food & Beverage
Glass, Ceramic, & Stone
HVAC Equipment
Lumber & Woodworking
Material Handling
Metal Cutting
Metal Forming
Mining
Oil & Gas Field
Packaging
Plastics & Rubber
Printing
Pulp & Paper
Robotics
Rolling Mill
Semiconductor
Textile

MARKET FORECASTS & HISTORIES
Total Production Machinery Automation Business
Shipments by Region
Shipments by Automation Product
Shipments by Machinery Segment

INDUSTRY PARTICIPANTS
The research identifies all relevant suppliers serving this market.

The Worldwide Production Machinery Automation Market

The bar chart shows the worldwide production machinery automation market from 2015 to 2020, with a steady increase in market size.