

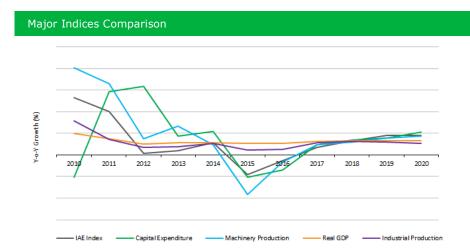
TECHNOLOGY, MEDIA & TELECOM PROSPECTUS

Industrial Automation Equipment Market Tracker

Nitin Sharma, Manufacturing Technology Market Analyst

The industry's most extensive analysis of this dynamic market from a regional market perspective – forecast to reach over \$221.7 billion globally in 2020.

IHS Markit provides an in-depth quarterly market tracker with a comprehensive evaluation of the global Industrial Automation Equipment market. A detailed overview of the major equipment markets are included for Europe, Middle East & Africa (EMEA), the Americas, China, Japan and Rest of Asia. IHS Markit has been producing data on these markets for over twenty-five years and through the market tracker annual forecasts will be provided quarterly on fifty two different equipment types. Furthermore, the Industrial Automation Equipment tracker includes industry sector analyses and a comparison of revenue growth in the industrial equipment market with key underlying growth factors such as global capital expenditure, global machinery production, real GDP and industrial production. Finally, market shares for leading vendors in the major equipment markets is presented.



Highlights

- Global and regional market share estimates of leading suppliers for total automation, motor & motor controls, and power transmission equipment.
- Growth forecasts for 52 equipment markets to 2020 in terms of US dollar revenues, unit shipments, and average selling price.
- Analyses of multiple economic indices tracking industrial production, capital expenditure, machinery production, GDP, and capital expenditure, with comparison against IAE Index.
- Quarterly updates provided by various IHS Markit analysts, representing continued coverage of the market.

Applicable To

- Gain market understanding
- Identify growth opportunities
- Analyze and measure the global industrial automation equipment market by identifying investment across various industry verticals
- Understand the trends that will drive future changes in automation technology
- Understand the trends in the usage of automation technologies
- Understand the competitive landscapeIdentify the right markets
- Identify the right warticals
- Identify the right verticals

ACTUALS AND FORECAST

Frequency, Time Period

- Historical Years (2011-2014)
- Base year (2015)
- 5-year annual forecast (2016-2020)

Measures

- Revenues
- Units
- Average Selling Prices

Regional Markets

- World
- EMEA
- Americas
- China
- Japan
- Rest of Asia

Market share analysis for:

- Total Automation Market
- Product categories
 - Motor & motor controls market
 - Power transmission equipment
- Global & regional levels

COVERAGE

- Market size estimates for 52 equipment markets in EMEA, Americas, Rest of Asia, China and Japan
- Growth forecasts to 2020 at a global and regional level
- Analysis of key economic indices
- Industry sector analysis
 - 15 discrete industries
 - 10 process industries
- Market share analysis
- Annual and quarterly updates



IAE Market Data Analysis

This market tracker presents the current annual forecast for 52 equipment markets in EMEA, Americas, Rest of Asia, China and Japan. Revenues, unit shipments, and average selling price will be presented for 2011, 2012, 2013, 2014 and 2015 as reported years, with forecasts presented to 2020.

Analysis Updated Quarterly

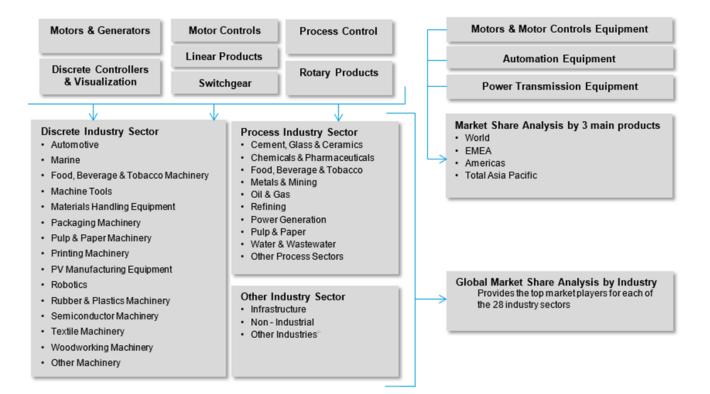
INDUSTR	IAL AUTOMATION EQU	IPMENT PRODUCT DA	TA DETAIL
EMEA Americas	Asia F China		
MOTOR & MOTOR CONTROL EQUIPMENT	AUTOMATION	I EQUIPMENT	POWER TRANSMISSION EQUIPMENT
Motors & Generators Fractional AC Motors Fractional Brushled DC Motors Fractional Brushless DC Motors Integral AC Motors (LV) Integral DC Motors (LV) Low Power Generators Medium Power Generators High Power Generators Medium Voltage Motors Servo Motors Stepper DC Motors	Discrete Controllers & Visualization Computer Numerical Controllers Embedded Computer Boards, Modules & Systems Networking Infrastructure Devices I/O Modules Industrial PCs Operator Terminals PLCs	Process Control Distributed Controller Process & Temperature Controllers Process Instrumentation Devices Process Safety Equipment Switchgear MCB & RCDs Electro-Mechanical & Solid State Relays	Rotary Products Backlash Rated Geared Products Gearboxes Geared Motors Mounted Bearings Un-mounted Bearings Couplings Linear Products Actuator- Rodless Actuator- Rod Style Hydraulic Actuators Hydraulic Motors & Pumps
Motor Controls AC Drives (LV) Brushed DC Drives Brushless DC Drives Medium Voltage Drives Servo Drives Stepper DC Drives Soft Starters & MCCs	Position Control Hardware Remote Terminal Units Machine Vision Hardware Discrete Safety Equipment	Electronic Control Relays Industrial Pushbuttons Air Circuit Breakers &	Hydraulic Valves Linear Tables Pneumatic Actuators Pneumatic Valves

The World Market for Industrial Automation Equipment by Product Type IHS Markit Consolidation

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	DIFF 11 - 20	CAGR 11 - 20
Motors & Motor	Revenues (\$M)	xx.x	x.x%										
Control Equipment	Units (k)	xx.x	x.x%										
	ASP(\$)	xx.x	x.x%										
Automation Equipment	Revenues (\$M)	xx.x	x.x%										
	Units (k)	xx.x	x.x%										
	ASP(\$)	xx.x	x.x%										
Pow er Transmission	Revenues (\$M)	xx.x	x.x%										
Equipment	Units (k)	xx.x	x.x%										
	ASP(\$)	xx.x	x.x%										
Total	Revenues (\$M)	xx.x	x.x%										
- Otal	Annual Grow th	~~~~	x.x%	~~~~	A.A /0								
	Unit Shipments (k)	xx.x	x.x%										
	Annual Grow th		x.x%										

Analysis Updated Annually

Market shares, industry sector analysis, and top market players by industry will be presented with a base year of 2015 and the industry analysis will include forecasts from 2016-2020. These analyses will not be updated quarterly.



The World Market for Industrial Automation Equipment by Region IHS Markit Consolidation

												DIFF	04.00
		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	DIFF 11-20	CAGR 11-20
	D (21.5												
EMEA	Revenues (\$M)	xx.x	x.x%										
	Units (k)	xx.x	x.x%										
	ASP(\$)	xx.x	x.x%										
Americas	Revenues (\$M)	xx.x	x.x%										
	Units (k)	xx.x	x.x%										
	ASP(\$)	xx.x	x.x%										
Rest of Asia	Revenues (\$M)	xx.x	x.x%										
	Units (k)	xx.x	x.x%										
	ASP(\$)	xx.x	x.x%										
China	Revenues (\$M)	xx.x	x.x%										
	Units (k)	xx.x	x.x%										
	ASP(\$)	xx.x	x.x%										
Japan	Revenues (\$M)	xx.x	x.x%										
	Units (k)	xx.x	x.x%										
	ASP(\$)	xx.x	x.x%										
	D (A11)												
Total	Revenues (\$M)	xx.x	x.x%										
	Annual Grow th		x.x%		-								
	Unit Shipments (k)	xx.x	x.x%										
	Annual Grow th		x.x%										

LEAD ANALYST

Nitin Sharma – Market Research Analyst, Manufacturing Technology

As a part of the Manufacturing Technology group within IHS Markit, Nitin works as an analyst on Industrial Automation Equipment (IAE) Market Tracker as well as the Smart Manufacturing (Industry 4.0)Intelligence Service. Previously, Nitin worked on 3D Printing and Industrial Communications research projects. With over 5 years of experience, he has been associated with start-ups and a publicly traded handling company responsibilities in marketing and research. He holds a B.Com (Hons.) degree and a PG diploma in marketing and finance. He is based in Gurgaon, India and can be reached at Nitin.Sharma1@ihsmarkit.com.

ABOUT IHS MARKIT MANUFACTURING TECHNOLOGY COVERAGE

Our IHS Markit's manufacturing technology team is the leading provider of market intelligence on electrical, electronic electromechanical, and mechanical automation equipment types; as well as finished machinery and equipment markets. Having studied these markets for nearly two decades, our team of over 30 analysts has amassed a wealth of insight and market data that is recognized as being the most detailed and accurate of its kind. By leveraging the breadth of IHS Markit and its experts, IHS Markit insight into manufacturing technology is unparalleled in key vertical markets, including automotive, power generation, oil & gas, maritime, amongst others.

IHS Markit's position as an objective market analyst firm leaves us ideally placed to conduct projects requiring intelligence-gathering, detailed company analysis, and marketvalidation of strategy options at a global level.

Our range of products and services includes detailed annual market reports, quarterly market trackers and customer surveys. As well as the offthe-shelf studies, we also offer custom research and strategy consultancy services.

Q1 Deliverable: Industrial Automation Executive Insights

IHS Industrial Automation will provide an executive insights presentation to review the major trends, growth drives and future outlook for the overall market. In addition, it includes commentary on capital expenditure by industry and the economic update.

The data tables and analyses from the previous page will all be delivered in Q1.

Q2 Deliverable: IA Product Insights

The focus of the Q2 deliverable will be to provide an overview of the 52 different equipment markets, including short commentary on the main drivers or inhibitors of growth. An example is shown to the right of coverage on one equipment market.

This quarterly deliverable will also include the product statistics with updated annual forecasts to the 52 individual equipment markets based on Q2 performance.

Q3 Deliverable: Industry Trends & Analyses

The focus of the Q3 deliverable will be to provide an overview of the 28 different vertical markets industrial automation equipment is segmented by, including short commentary on the main benefits for the overall IAE market. An example is shown to the right of coverage on one vertical market. This quarterly deliverable will also include the product statistics with updated annual forecasts to the 52 individual equipment markets based on Q3 performance.

Q4 Deliverable: Competitive Market Environment Overview

In this brief, Industrial Automation provides an overview of the competitive market, including the status of the market environment and mergers and acquisitions. In addition, this presentation provides the top five suppliers' strategic initiatives. This quarterly deliverable will also include the product statistics with updated annual forecasts to the 52 individual equipment markets based on Q4 performance. Key Point Summary – Industrial Automation

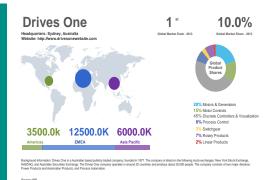




EMEA	Revenues (\$M)	XBLX	XX.E	XXLX	XILX	XX.E	XXXX	XEX	MLX.	XX.E	XXLX	XILX	38.3
	Unit Shipments (k)	XBLX	NK.K	XXXX	38.8	RK.E	XXXX	XKX	HLX.	RK.K	XXXX	XILX	38.3
	Average Selling Price (\$)	XILX	RK.K	XXLX	38.8	RK.K	XXXX	XKX	HLX.	RK.K	XXLX	XILX	38.3
Americas	Revenues (\$M)	XILX	XX.K	XXXX	XILX	XX.E	XXXX	XKX	HLX.	XX.E	XXLX	XILX	38.3
	Unit Shipments (k)	XBLX	NK.K	XXXX	38.8	RK.E	XXXX	XKX	HLX.	RK.K	XXXX	XILX	38.3
	Average Selling Price (\$)	XILX	RK.K	XXLX	38.8	RK.K	XXXX	XKX	HLX.	RK.K	XXLX	XILX	38.3
Asia Pacific	Revenues (\$M)	XILX	XX.K	XXXX	XILX	XX.E	XXXX	XXXX	HLX.	XX.E	XXLX	XILX	38.2
	Unit Shipments (k)	XBLX	NK.K	XXXX	38.8	RK.E	XXXX	XKX	HLX.	RK.K	XXXX	XILX	38.2
	Average Selling Price (\$)	XILX	RK.K	XXLX	38.8	RK.K	XXXX	XKX	HLX.	RK.K	XXLX	XILX	38.2
Japan	Revenues (\$M)	XILX	XX.K	XXXX	XILX	XX.E	XXXX	XXXX	HLX.	XX.E	XXLX	XILX	38.2
	Unit Shipments (k)	XILX	NK.K	XXXX	38.8	RK.E	XXXX	XLX	18.8	RK.K	XXXX	38.8	38.2
	Average Selling Price (\$)	XILX	RK.K	XXXX	38.8	RK.K	XXXX	XKX	HLX.	RK.K	XXLX	XILX	38.2
Total Rev	Revenues (\$M)	XILX	XX.K	XXLX	XILX	XX.E	XXXX	XKX	HLX.	XX.E	XXLX	XILX	11.1
	Unit Shipments (k)	XILX	NK.K	XXXX	38.8	RK.K	XXXX	XLX	18.8	RK.K	XXXX	38.8	38.2
	Average Selling Price (\$)		10.1	XXX	38.8	IX.I	XXX	XX.X	10.8	15.1	XXX	38.8	38.2

tomotive Industry	
ing Forces	IAE in Automotive vs. Capital Expenditure Spending
ng Force Point 1	
ng Force Point 2	
ing Force Point 3	3
ng Force Point 4	15
	2213 2014 2015 2816 2017
ne Force Point 5	Adventise CapEs Adventue (AE

										CAG
		Notors & Generators	Revenues (\$M)	XXLX	XBX	XBLX	RC.R	RC.R	XXLX	20130
2013 Top 3		Motor Controls	Revenues (\$M)	XLX	XILX	XIX	86.8	86.8	XXXX	38.3
Leading Suppliers	2013 Top 3 Products	Discrete Controllers & Visualization	Revenues (\$M)	XX.X	XIX	XII.X	86.8	86.8	XX.X	38.3
xx% Supplier1	Product 1	Process Control	Revenues (\$M)	XXX	XILX	XILX	R.I.	R.I.	XXXX	38.3
	125	Switchgear	Revenues (\$M)	XX.X	XILX	XILX	RC.R	RC.R	XXXX	XXLX
xx% Supplier2	Product 2	Rotary Products	Revenues (\$M)	XXX	XILX	XIX	86.8	86.8	XXXX	38.3
xx% Supplier3	#X% Product 3	Linear Products	Revenues (\$M)	XXX	XIX	XILX	85.8	85.8	XX.X	38.3
		Total Revenues	Revenues (\$M)	11.1	11.1	13.1	11.1	XLX	XLX	XLX



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About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 85 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.

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