

# Comprehensive Report on Indian Metal Cutting Machine Tool Industry

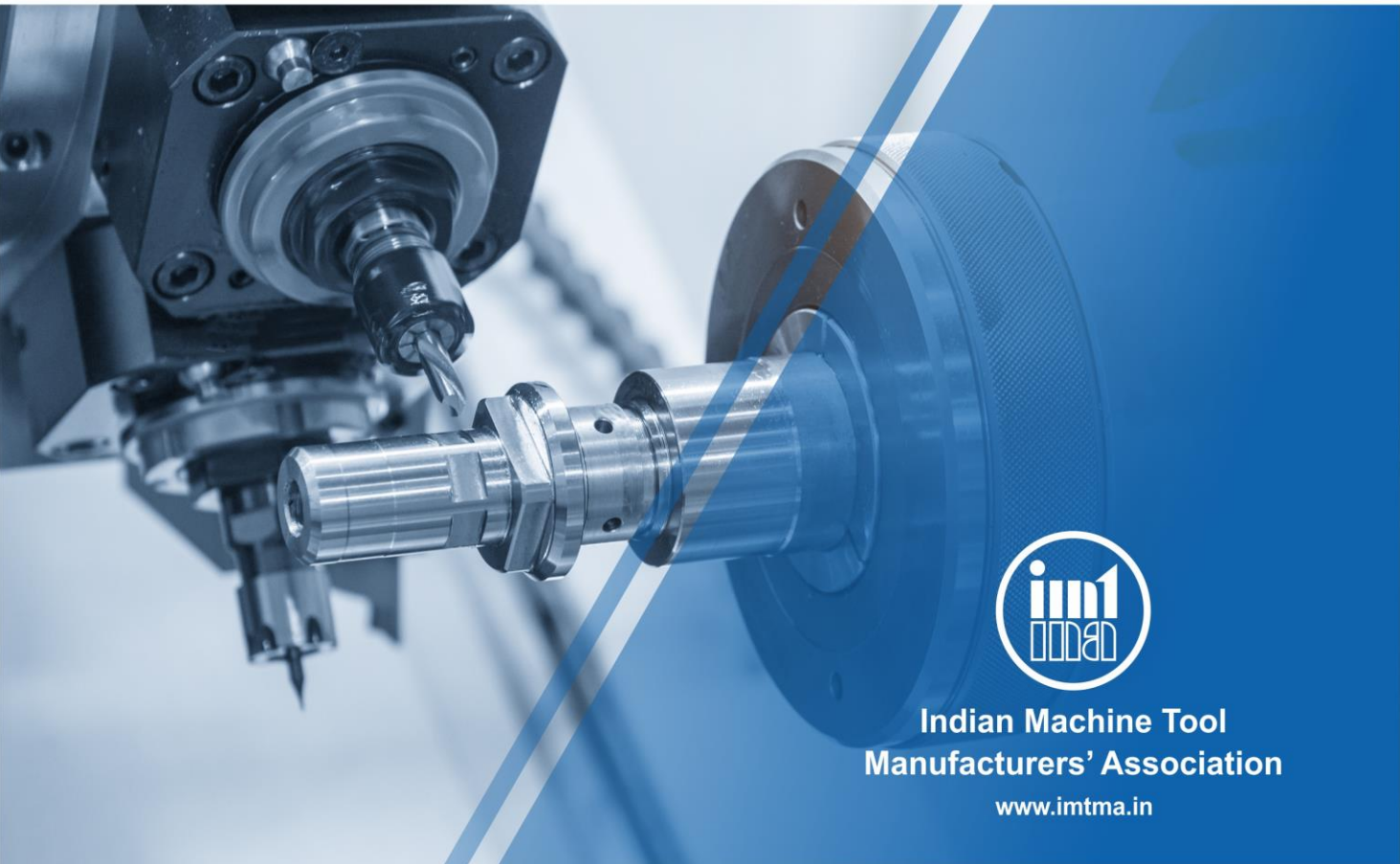
January 2019



**Indian Machine Tool  
Manufacturers' Association**

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### **Head Office**

@ Bangalore International Exhibition Centre (BIEC)  
10th Mile, Tumkur Road, Madavara Post, Bangalore - 562 123  
Tel: +91 80 6624 6600 | Fax: +91 80 6624 6661 | E mail : [imtma@imtma.in](mailto:imtma@imtma.in)

### **Regional Office (North)**

Plot No. 249F, Phase IV,  
Udyog Vihar, Sector 18,  
Gurugram - 122 015. Haryana  
Tel: +91 124 4014 101  
Fax: +91 124 4014 108  
E mail : [imtma.ggn@imtma.in](mailto:imtma.ggn@imtma.in)

### **Regional Office (West)**

12/5, D-1 Block, MIDC,  
Chinchwada, Pune - 411 019  
Maharashtra.  
Tel: +91 7066030531 / 532  
E mail : [imtma.pune@imtma.in](mailto:imtma.pune@imtma.in)

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## PREFACE

Metal Cutting Machine Tools plays a major role in the production of diverse products starting with Automobile industry to high precision components for the Aerospace, Defence, Railways, Instrumentation and Electronics industries, and everywhere in-between.

The metal cutting machine tool industry in India has been serving the need for manufacturing through the manufacture of a variety of metal cutting machines. Although the industry is yet to meet the full potential and demand for higher technology machines, market share for Indian machines have improved in recent years.

The report analyses the macroeconomic conditions of Indian and global economy and projections of growth for short term outlook. Evaluation of Machine Tool industry at global and Indian market gives the overall assessment of where India stands in the global machine tool market. Detailed analysis of metal cutting machine tool industry incorporates summary of machine types and product offerings and the market size and growth of metal cutting industry.

Import analysis of last five financial years (from 2013-14 to 2017-18) gives the trend of metal cutting machinery imports by product and country. Opportunity analysis identifies the key areas of improvement for domestic manufactures and includes the strategic recommendations. Consolidated investment list in metal cutting industry user sectors analyses the potential investment of projects in 2018. Further, different domestic manufacturers specialized in different metal cutting machines are identified.

This study report brings the demand trends in metal cutting machine tools industry in India. Imports of various machines and source of imports are analysed which can be used as reference guide which can help manufacturers of metal cutting machines in India to develop strategies and plans to meet the potentially large requirement for such machines.

## Glossary of Terms

<b>GDP</b>	Gross Domestic Product
<b>CAGR</b>	Compound Annual Growth Rate
<b>GVA</b>	Gross Value Added
<b>MOCI</b>	Ministry of Commerce and Industry
<b>FY 18</b>	April 2017-March 2018
<b>IIP</b>	Index of Industrial Production
<b>Q1 2018-19</b>	April – June, 2018
<b>Q2 2018-19</b>	July- September, 2018
<b>Q3 2018-19</b>	October– December, 2018
<b>Q4 2018-19</b>	January- March, 2019
<b>Y/Y %</b>	Year on Year Growth Percentage change
<b>CNC</b>	Computer Numerical Control
<b>FDI</b>	Foreign Direct Investment
<b>GST</b>	Goods & Service Tax
<b>GOI</b>	Government of India



## *Introduction and objectives of the study*

Metal cutting machine tool industry plays an important role in manufacturing sector. Metal cutting machine tools constitutes about 80 percent of total metal working machine tools demand in India. About 47 percent of metal cutting machines consumed in India are imported.

This study aims to analyse the trends in import of metal cutting machines from various countries, machine tool focused investment analysis in various user sectors, opportunity analysis for the industry to include in the strategic planning.

Trends in imports of various cutting machines analysed are:

- Turning machines
- Machining centers
- Milling machines
- Drilling machines
- Grinding machines
- Gear Cutting machines

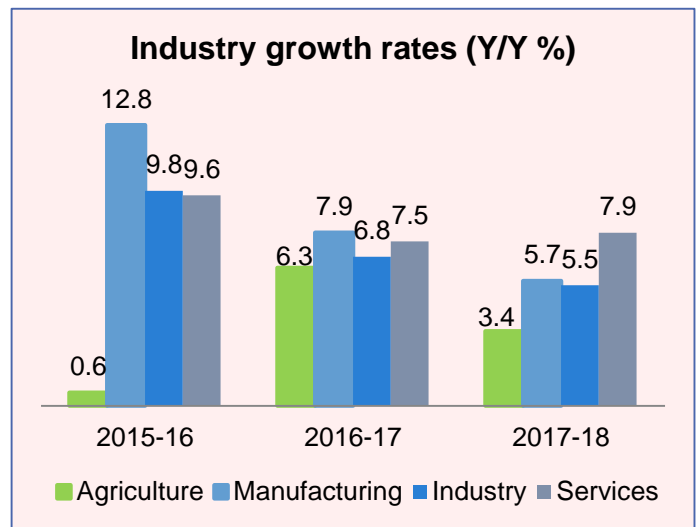
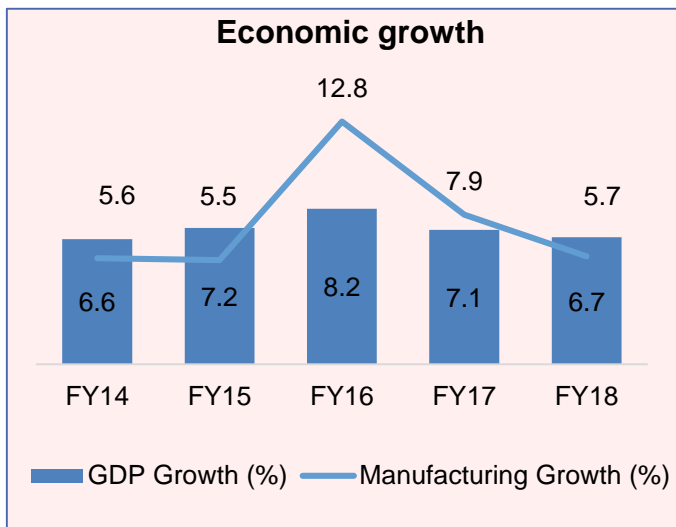
### **Objectives of the Study:**

- Analyse trends of consumption in Metal Cutting Machine Tool Industry in India during previous five years (2013-14 to 2017-18).
- To Analyse trend of metal cutting machine tool imports
  - By Country
  - By Machine
- To guide Indian machine tool manufacturers on quantum of imports by country and enable members to take informed decisions.
- To project the demand over the next two years based on the growth of the end user sectors.

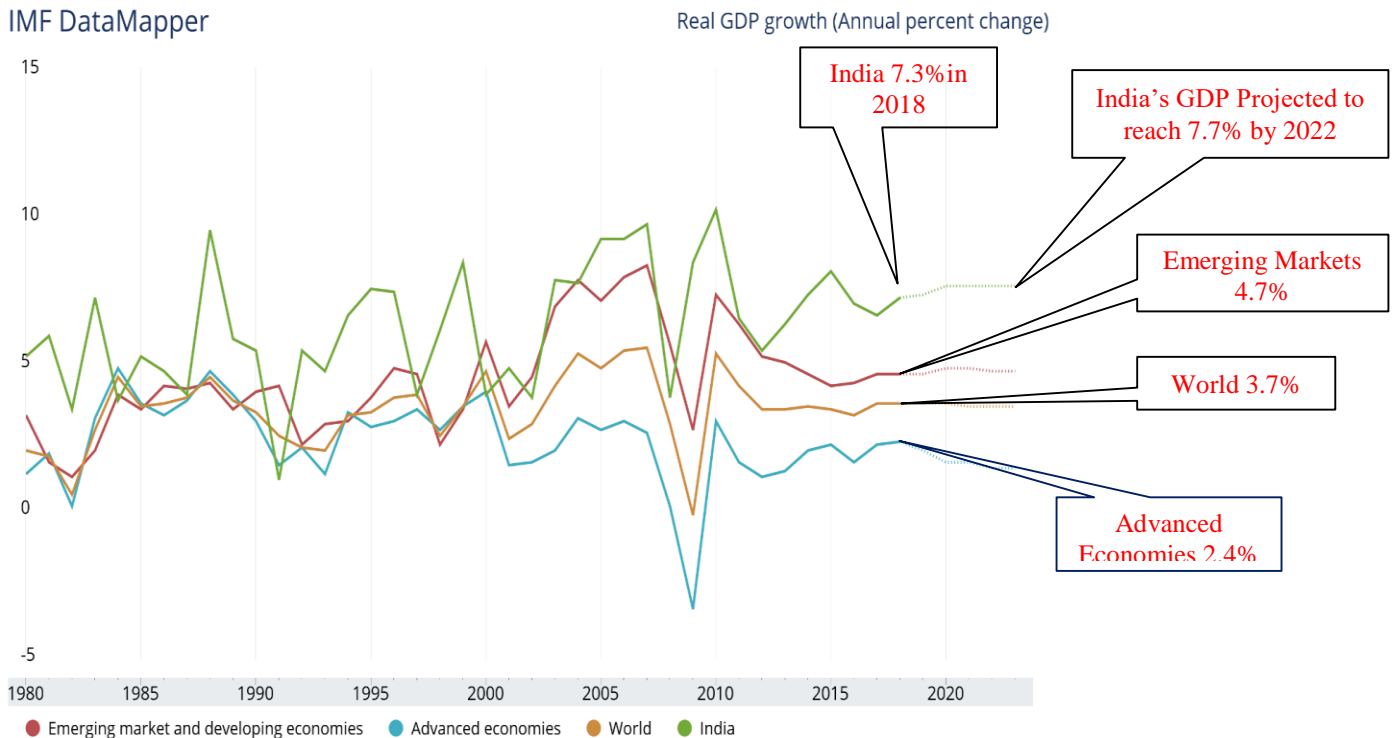
# Overview of Indian Economy



## Overview of Indian Economy



### IMF DataMapper



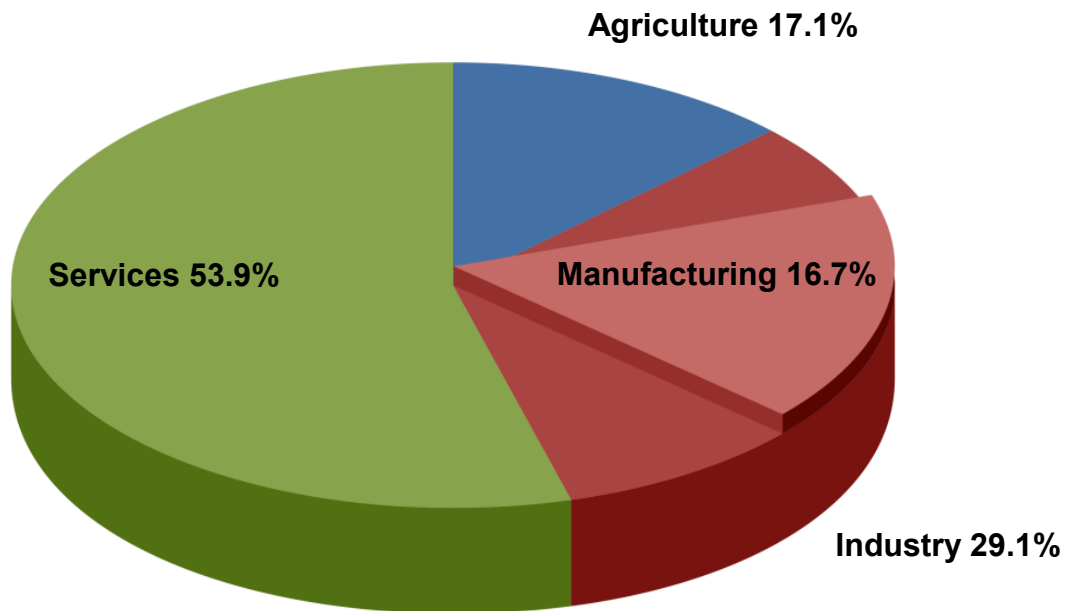
©IMF, 2018, Source: World Economic Outlook (October 2018)

- Macro-financial and structural policy reforms in India is expected to give boost to economic growth and business investments in short term forecast.



## Indian Economy Sectors- at a Glance (2017-18) Provisional Estimates

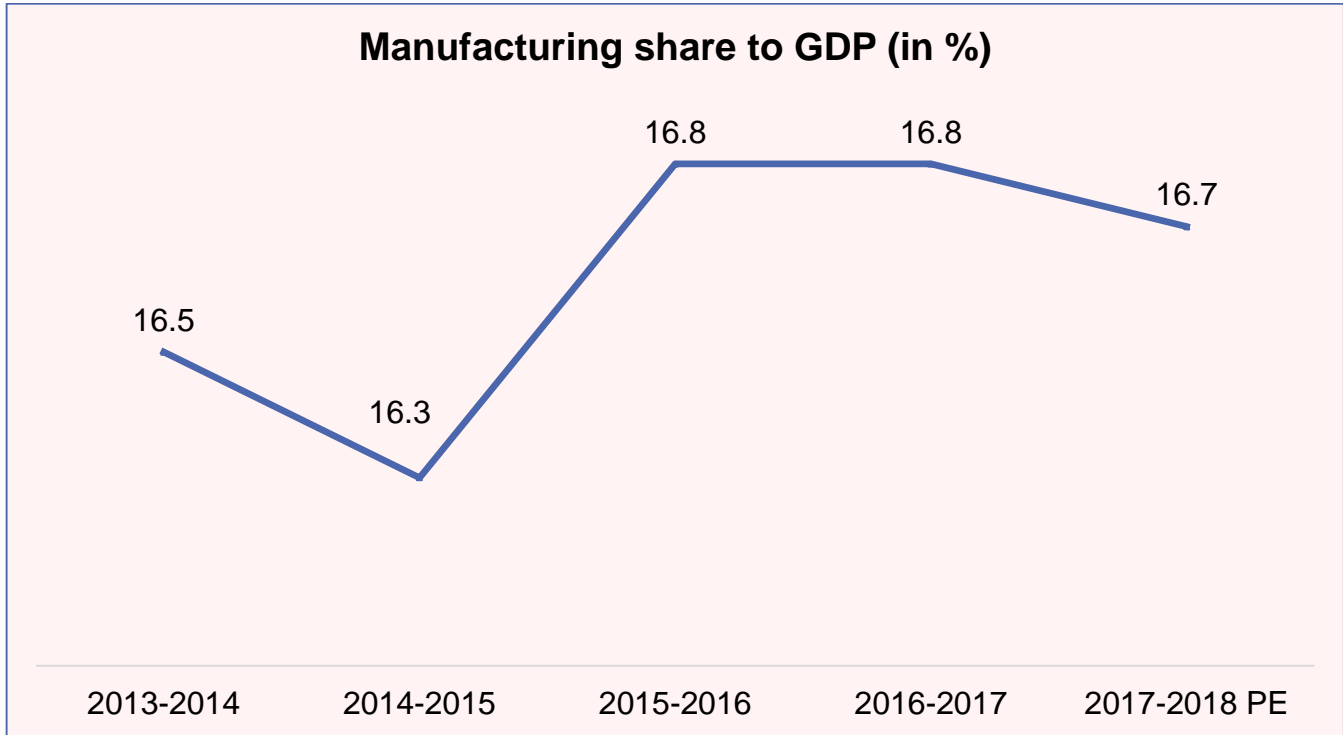
### Sector wise share of GDP in 2017-18 PE



●	<b>Agriculture</b>	-	<b>17.1%</b>	
●	<b>Industry</b>	(● Manufacturing 16.7%)	-	<b>29.1%</b>
●	<b>Services</b>	-	<b>53.9%</b>	

- The growth of IIP during April-October 2018 was 5.6 percent, as compared to 2.5 percent recorded during corresponding period a year ago.
- The manufacturing sector's growth during April-October 2018 was 5.6 percent, higher as compared to 2.1 percent during April-October 2017.

**Manufacturing sector is estimated to have grown at a CAGR of around 8% between 2013-14 and 2017-18 PE**



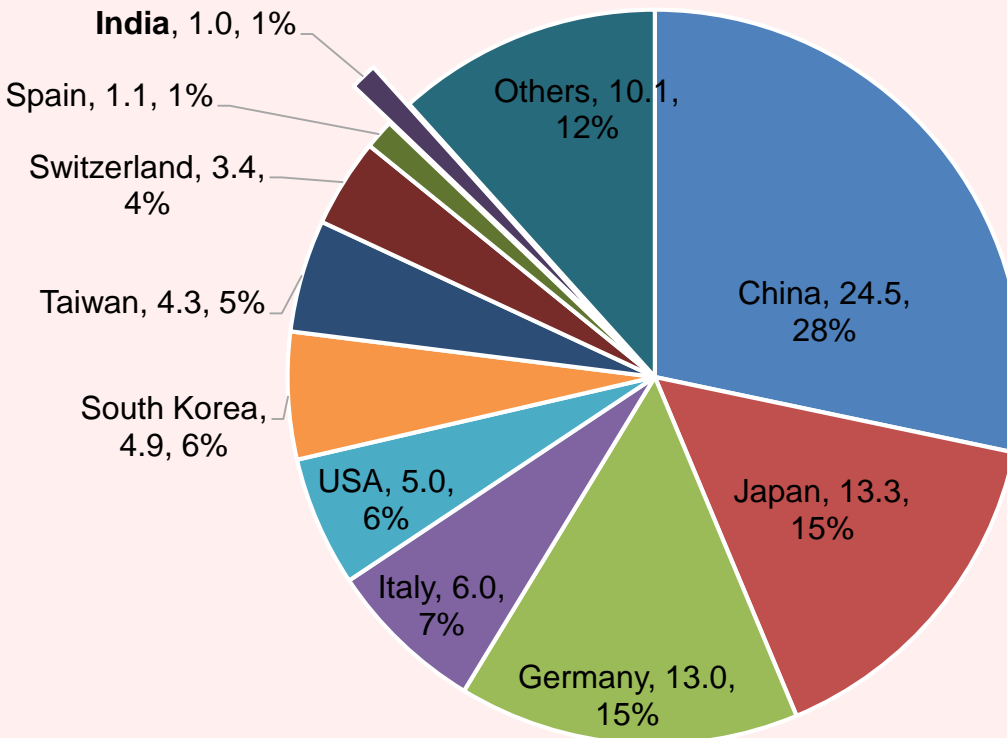
- GOI aims to raise **manufacturing contribution** to GDP from present 16.7% to **25% by 2025**
- Manufacturing sector growth rate is estimated at **5.7%** during 2017-18.
- Indian manufacturing sector's Gross Value Added is estimated at **US\$ 390.84 billion** in 2017-18PE.
- The production levels are expected to pick up industry growth influenced by GST implementation.

# Overview of Global Machine Tool Industry



## Overview of Global Machine Tool industry

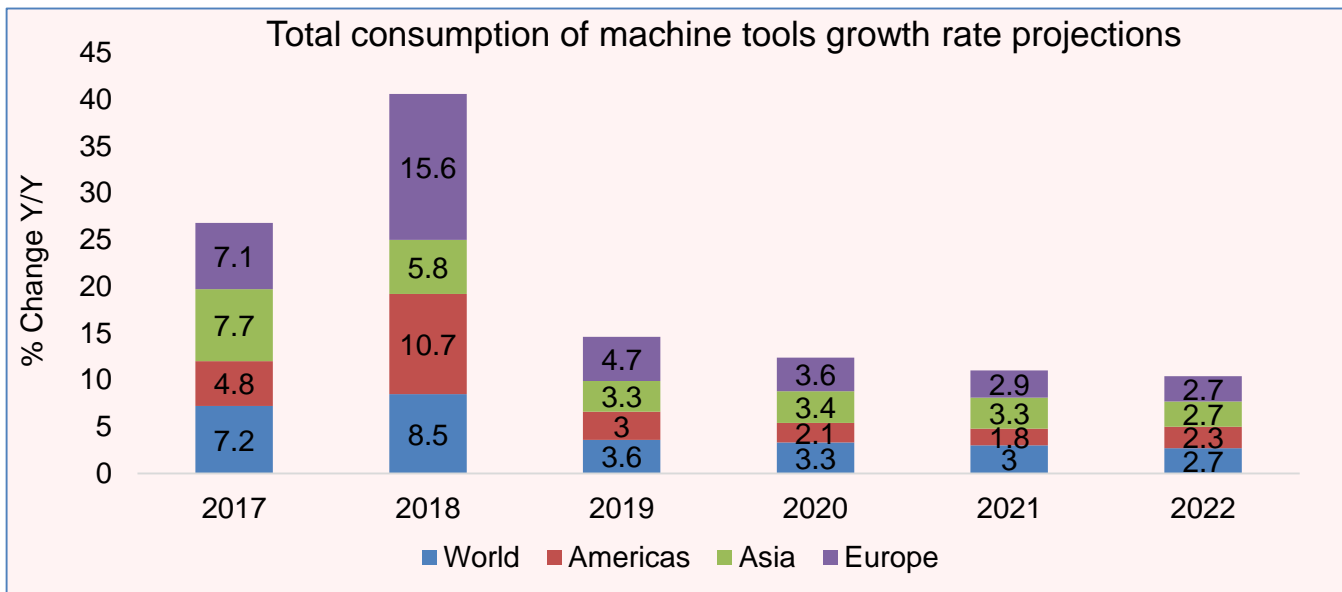
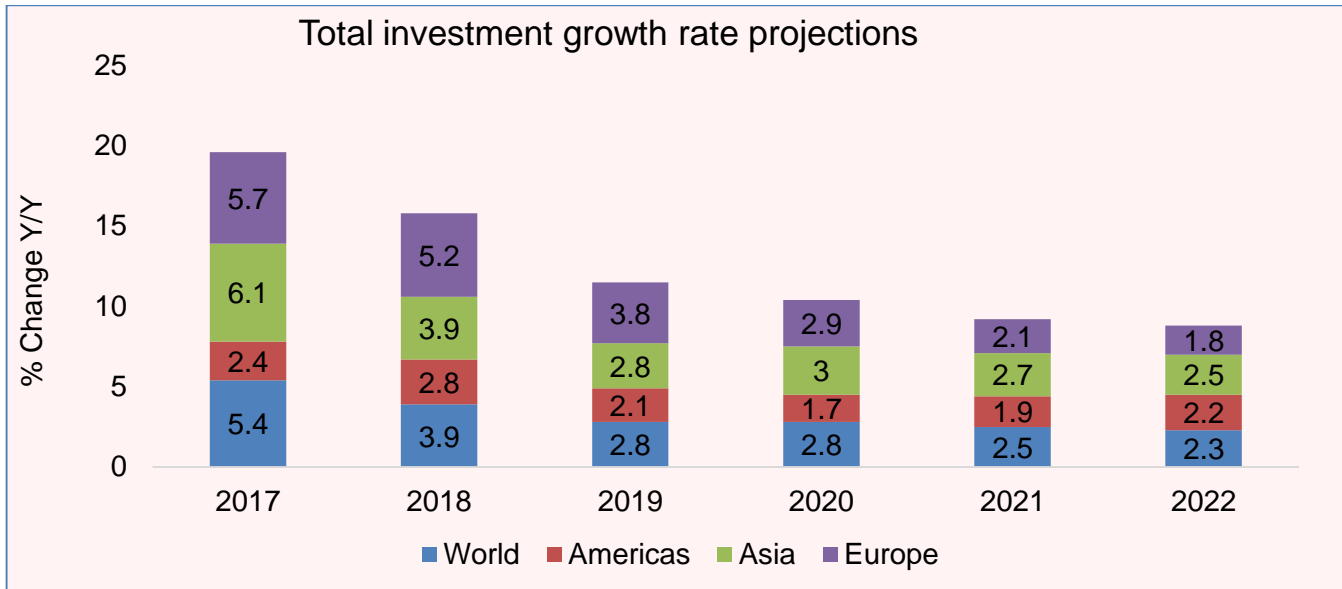
### 2017 Production value (in US\$ billions) and Share (in %)



### As per Gardner's World Machine Tool Survey 2018

- Global machine tool production during 2017 is about 86.7 Bn US\$.
- China accounts for 28.3% of global machine tool production, followed by Japan (15.4%), Germany (15.0%), Italy (7%) and USA (5.7%).
- India's share in Global machine tool production is about 1 percent. India ranks 10th in Production and 8th in Consumption.

## Global Machine Tool consumption and investment growth projections



Note: Total investment = Spending on all assets by the nine primary machine tool purchasing industries.  
Investment and consumption growth rates are weighted averages of national growth in local currency terms.

- Forecasts from Oxford economics predicts machine tool consumption in 2018 to grow by 8.5% in 2018 but lowered forecast in 2019 to 3.6% growth.
- A closer look at the regional breakdown shows that the European market is forecast to expand at the fastest pace in 2018 and 2019,





# Overview of Indian Machine Tool Industry

## Indian Machine Tool Industry Overview

### Global ranking for Indian Machine Tool Industry in 2017\*

- 10th in Production
- 8th in Consumption

### Market Size:

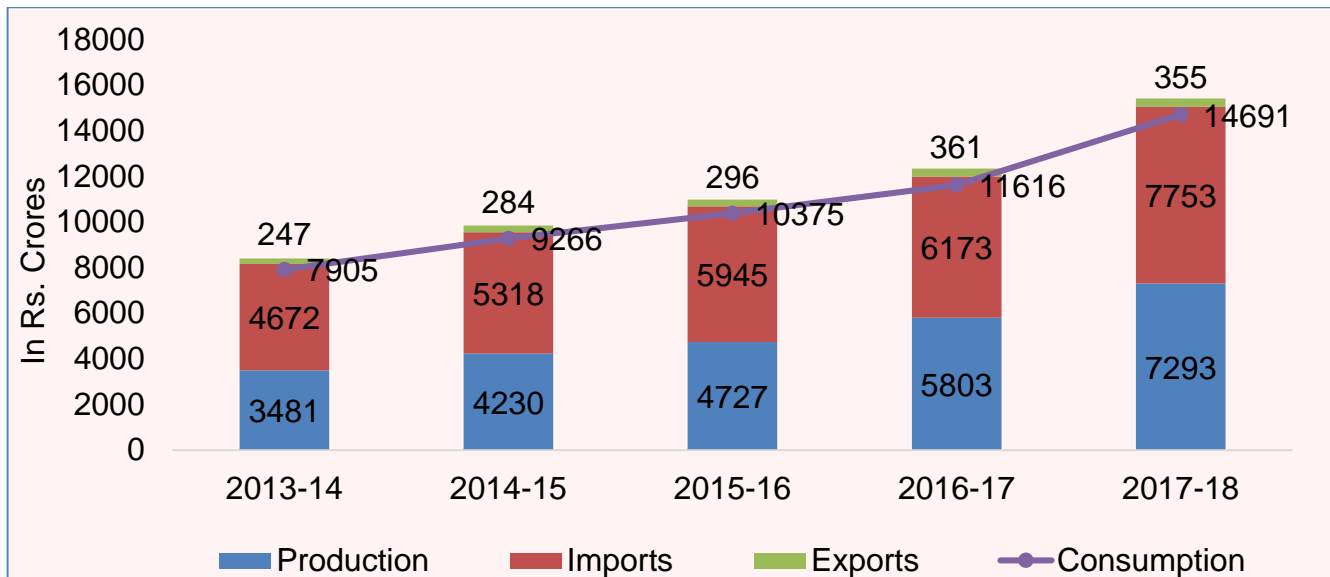
- **FY 2017-2018**

FY2017-2018	Value in US\$ (Bn.)	Value in Rs. (Crores)	Annual Growth %
PRODUCTION	1.1	7300	26%
IMPORTS	1.2	7750	26%
EXPORTS	0.05	350	-2%
CONSUMPTION	2.2	14700	27%

- India's machine tool industry has around 1000 units of which 500 are OEMs and rest are supply chain.



## Growth of Indian Machine Tool Industry

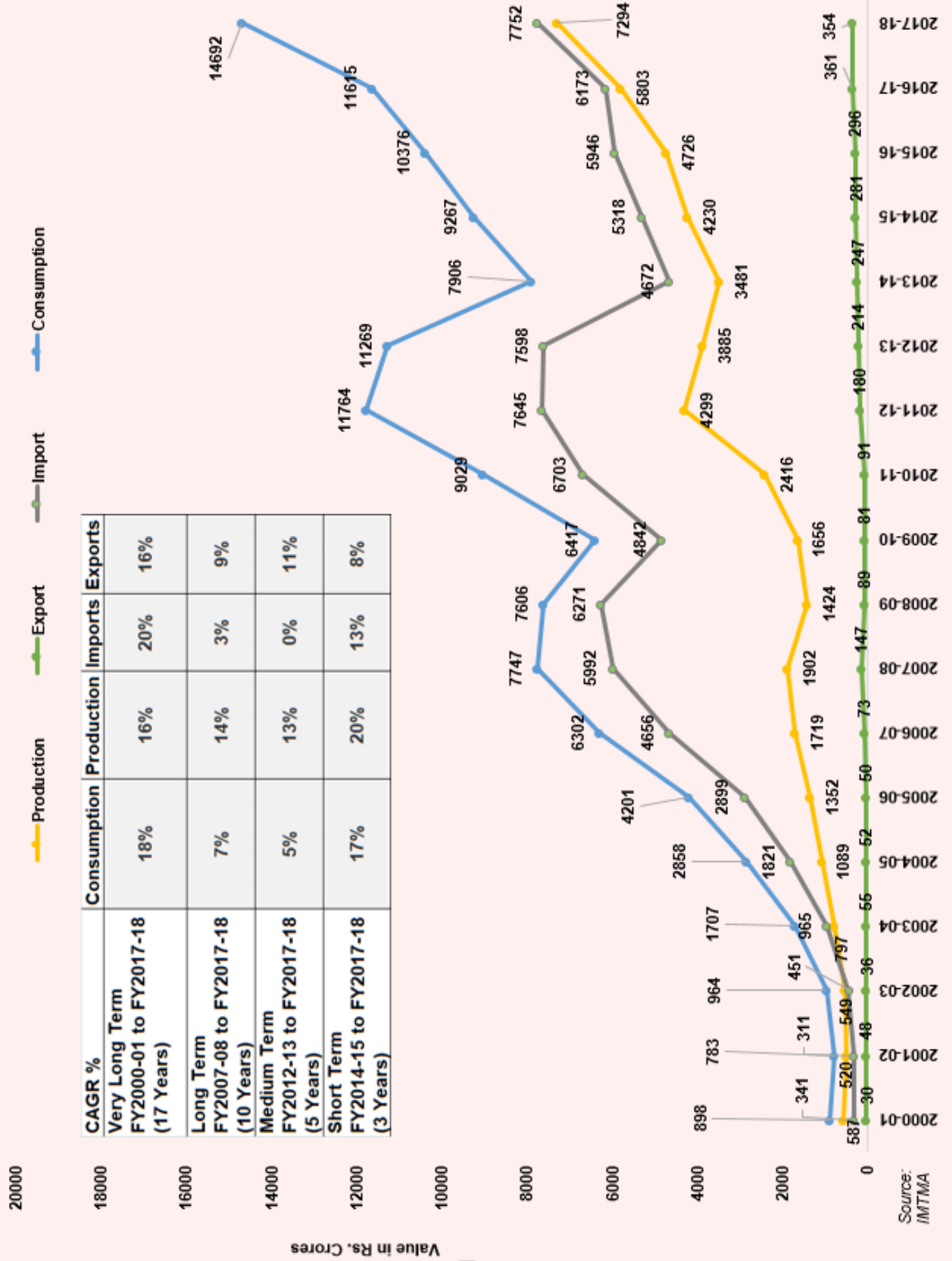


FY2018-2019 (Estimates)	Value in US\$ (Bn.)	Value in Rs. (Crores)	Annual Growth %
PRODUCTION	1.4	9500	30%
IMPORTS	1.4	10000	29%
EXPORTS	0.07	500	43%
CONSUMPTION	2.7	19000	29%

### FY 2019-2020 (Projections)

- Estimating a growth of 25%, machine tool Production is projected to reach at Rs. 11900 Cr (US\$ 1700 Mn) by FY2019-2020
- Estimating a growth of 20%, machine tool Consumption is projected to reach at Rs. 22800 Cr (US\$ 3257 Mn) by FY2019-2020

Machine Tools Industry - Consumption, Production & Export Trend from 2000-01 to 2017-18

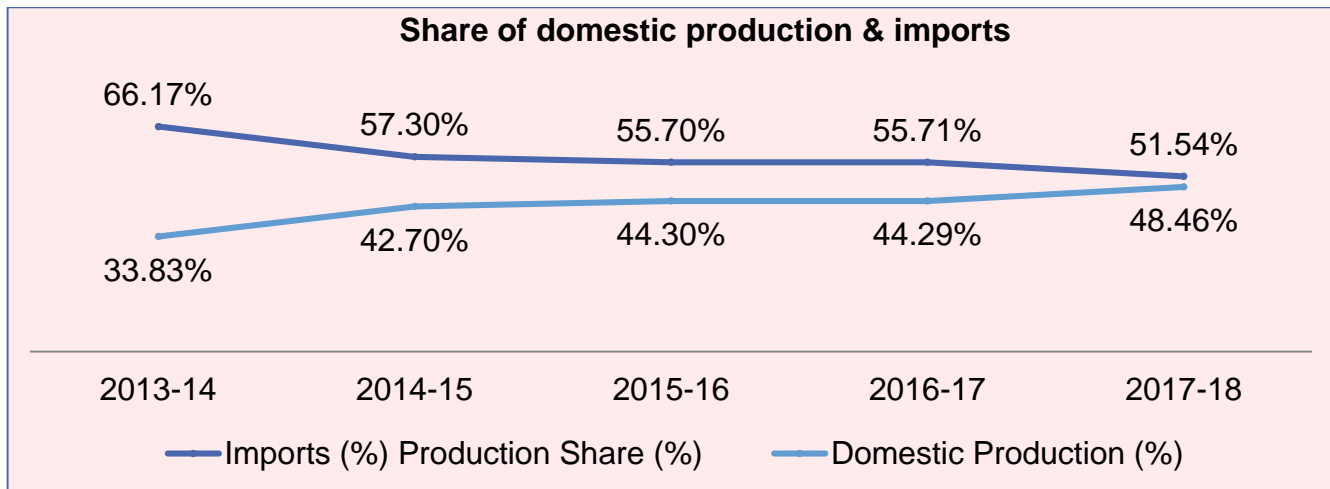


CAGR %	Consumption	Production	Imports	Exports
Very Long Term FY2000-01 to FY2017-18 (17 Years)	18%	16%	20%	16%
Long Term FY2007-08 to FY2017-18 (10 Years)	7%	14%	3%	9%
Medium Term FY2012-13 to FY2017-18 (5 Years)	5%	13%	0%	11%
Short Term FY2014-15 to FY2017-18 (3 Years)	17%	20%	13%	8%

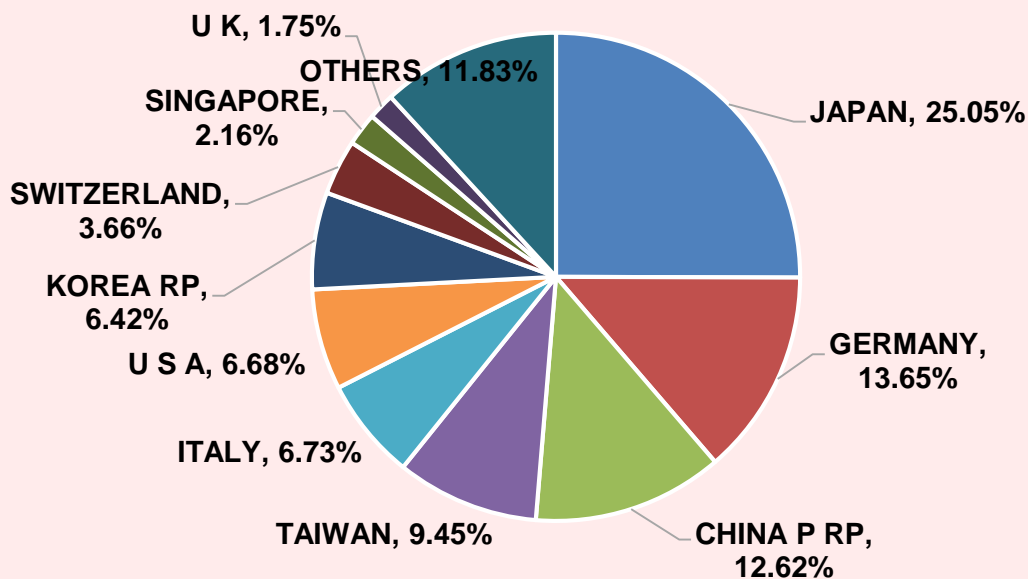
Source: IMTMA



## Share of Domestic Production and Imports during last 5 years



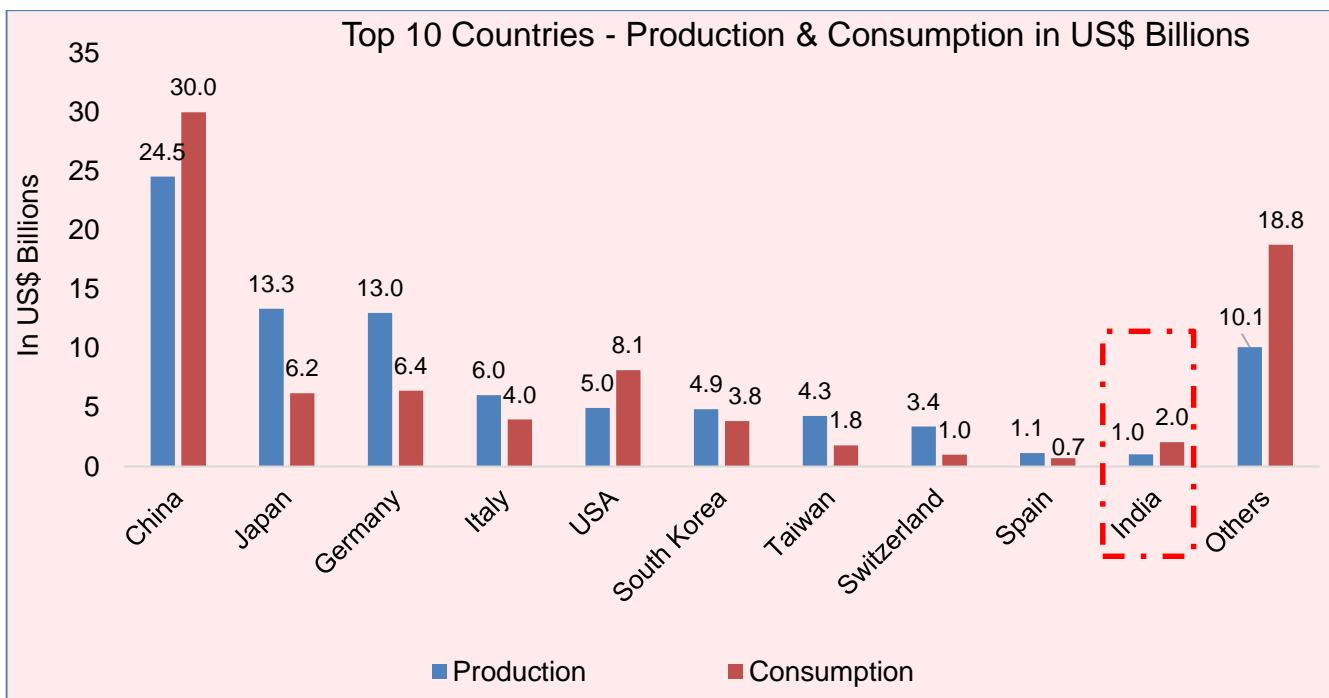
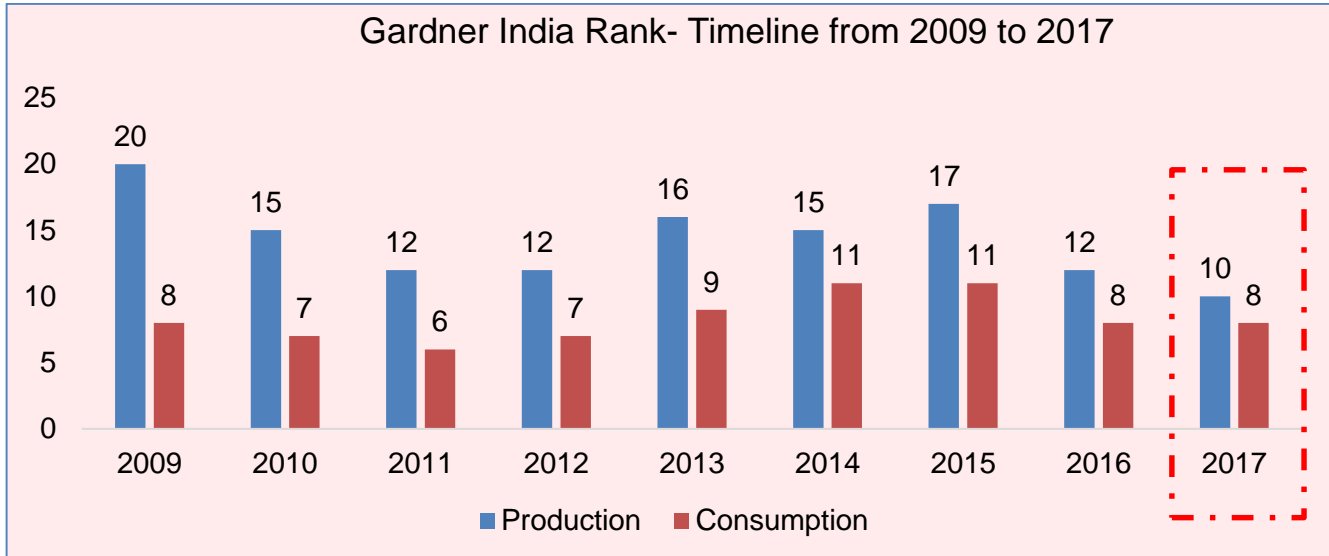
### Import of Machine Tools to India in 2017-18; Total import value Rs. 7754 Crores



- The rising demand in the new sectors such as aerospace, aviation, railways, power, healthcare and infrastructure has led to huge domestic demand for large sized machine tool requirements.
- This had helped to increase the share of domestic production to about 48.5 percent and import share declined to 51.5 percent of the total metal working machine tools in 2017-18.



## Indian Machine Tool Production & Consumption Ranks



- China tops global machine tool production to reach at US\$ 24.5 Billion in 2017.
- India's production and consumption of machine tools stood at US\$1 Bn and US\$2 Bn respectively.
- Globally, India's consumption rank improved 3 ranks from 2015 to 2017 to reach at 8<sup>th</sup> position.



# Overview of Indian Metal Cutting Machine Tool Industry

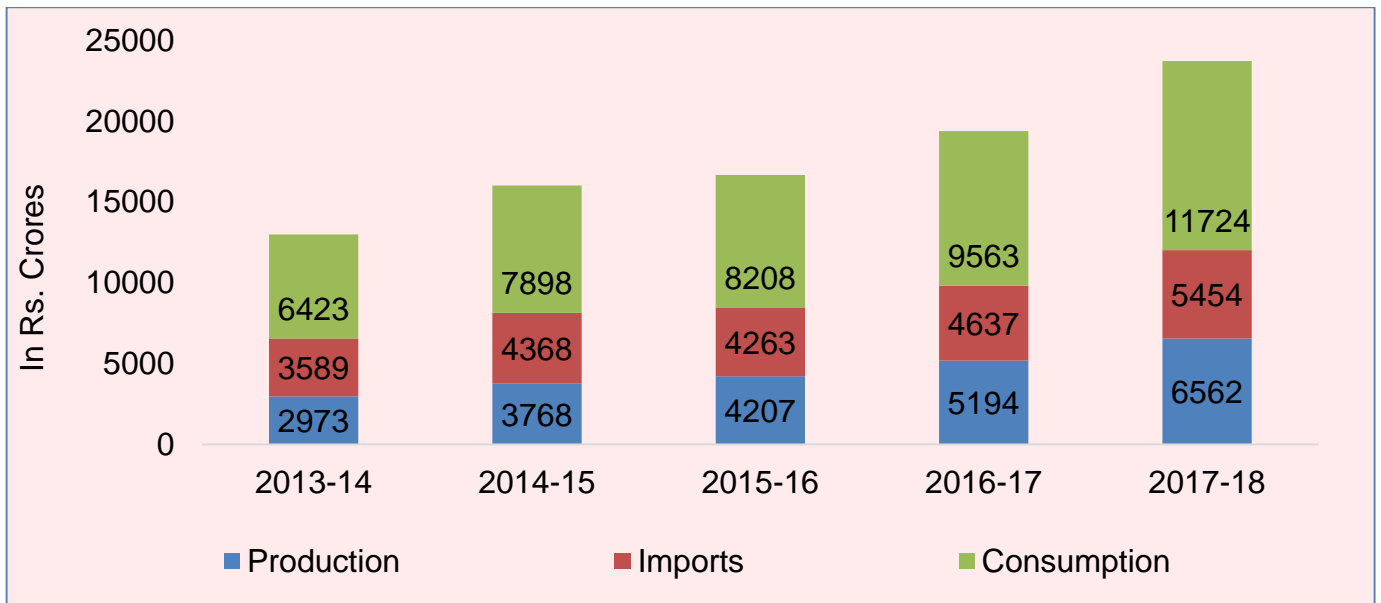
## Metal Cutting Machine Tools Classifications

Metal Cutting is a collection of processes wherein material is brought to a specified geometry by removing excess material using various kinds of tooling to leave a finished part that meets specifications. Based on the working process, metal cutting machineries can be broadly classified into the following categories.

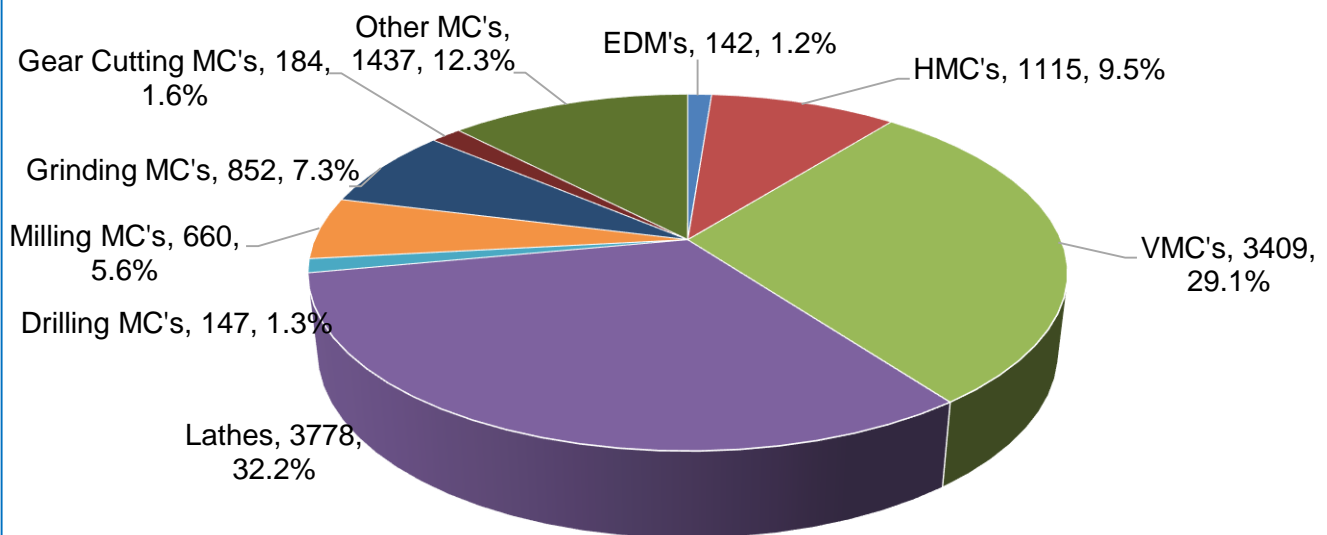
- **Turning Machines:** Turning is a metal cutting process for producing a cylindrical surface with a single point tool. The work piece is rotated on a spindle and the cutting tool is fed into it radially, axially or both.
- **Machining Centre:** The term “machining centre” describes almost any CNC milling and drilling machine that includes an automatic tool changer and a table that clamps the work piece in place. On a machining centre, the tool rotates, but the work does not.
- **Drilling Machine:** Drilling is a cutting process that uses a drill bit to cut a hole of circular in solid cross section materials. The drill bit is usually a rotary cutting tool, often multipoint. The bit is pressed against the work piece and rotated at rates from hundreds to thousands of revolutions per minute.
- **Milling Machine:** Milling is the machining process of using rotary cutters to remove material from a work piece by advancing (or feeding) in a direction at an angle with the axis of the tool.
- **Grinding machine:** A grinding machine, often shortened to grinder, is any of various machine tool used for grinding, which is a type of machining using an abrasive wheel as the cutting tool. Each grain of abrasive on the wheel's surface cuts a small chip from the work piece via shear deformation. Grinding is used to finish work pieces that must show high surface quality) and high accuracy of shape and dimension.
- **Gear Cutting machine:** Gear cutting is any machining process for creating a gear. The most common gear-cutting processes include hobbling broaching, milling and grinding. Such cutting operations may occur either after or instead of forming processes such as forging, extruding casting, or sand casting.
- **Electrical discharge machining (EDM):** Also known as spark machining, spark eroding, burning, die sinking, wire burning or wire erosion, is a manufacturing process whereby a desired shape is obtained by using electrical discharges (sparks)



## Indian Metal Cutting Machine Tool Industry Trends



### Metal Cutting Machine Tool Consumption (Value in Rs. Crs & Share in %) in 2017-18



- Metal Cutting Machine Tool Industry has reached Rs. 11,724 Crores in 2017-18 and the share of imports in consumption declined to 47%. Production of metal cutting industry had risen to 26% in 2017-18 from 2016-17.
- User sectors like Auto industry and Auto component industry has led to growth of metal cutting machine tool demand over the recent years. Demand of Lathes is the highest at about 32 percent of the total metal cutting machine tool consumption in India during 2017-18.

# Import Analysis of Indian Metal Cutting Machine Tools by Machine segments

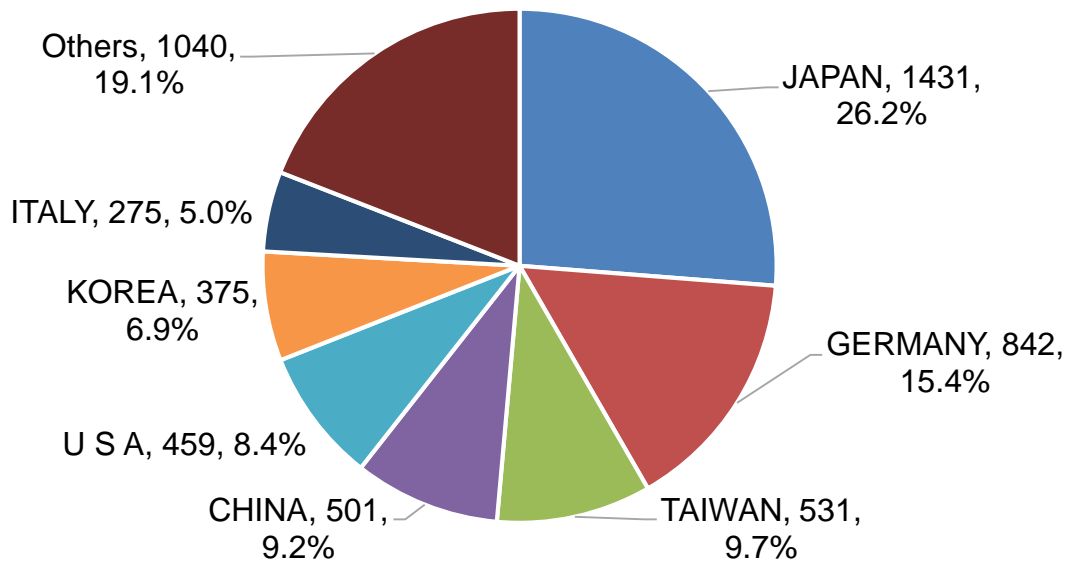




## Metal Cutting Machine Tools Import Analysis

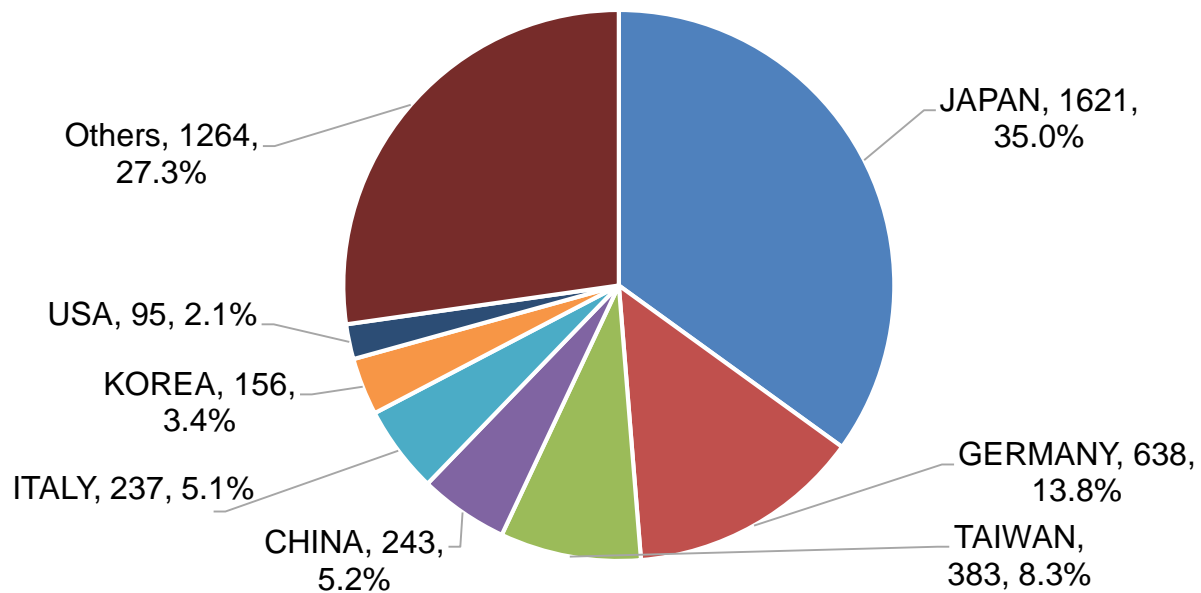
### Import of Metal Cutting Machine Tools by India

Metal Cutting MT Import 2017-18 (Value in Rs.Cr and Share in %)



### Overall Metal Cutting MT Imports 2017-18: Rs. 5454 Cr

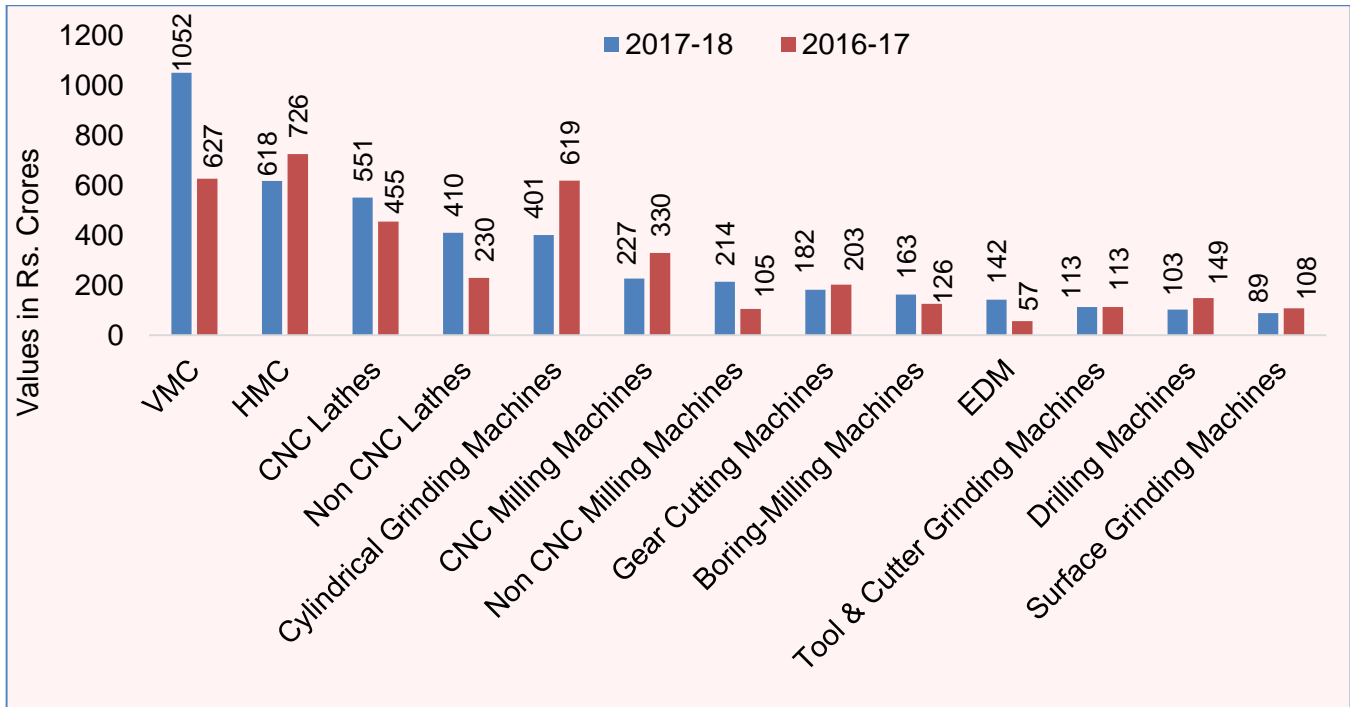
Metal Cutting MT Import 2016-17 (Value in Rs.Cr and Share in %)



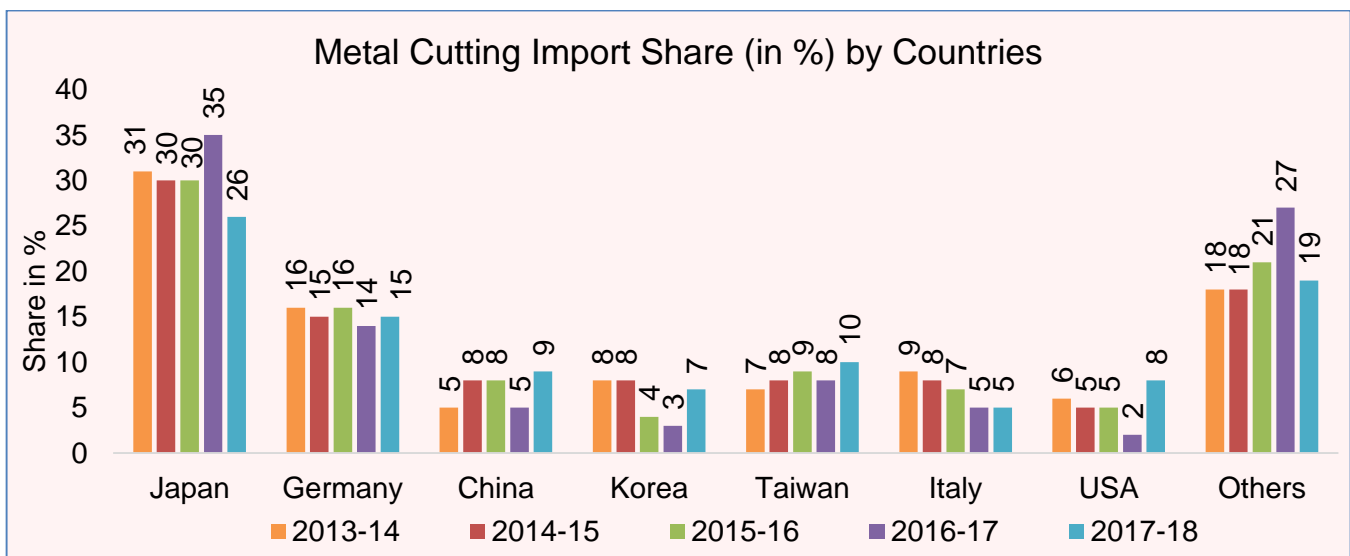
### Overall Metal Cutting MT Imports 2016-17: Rs. 4637Cr

- Japan, Germany and Taiwan together forms 51.3% of import share in 2017-18.

## Import of Metal Cutting Machine Tools in India by Machine segments



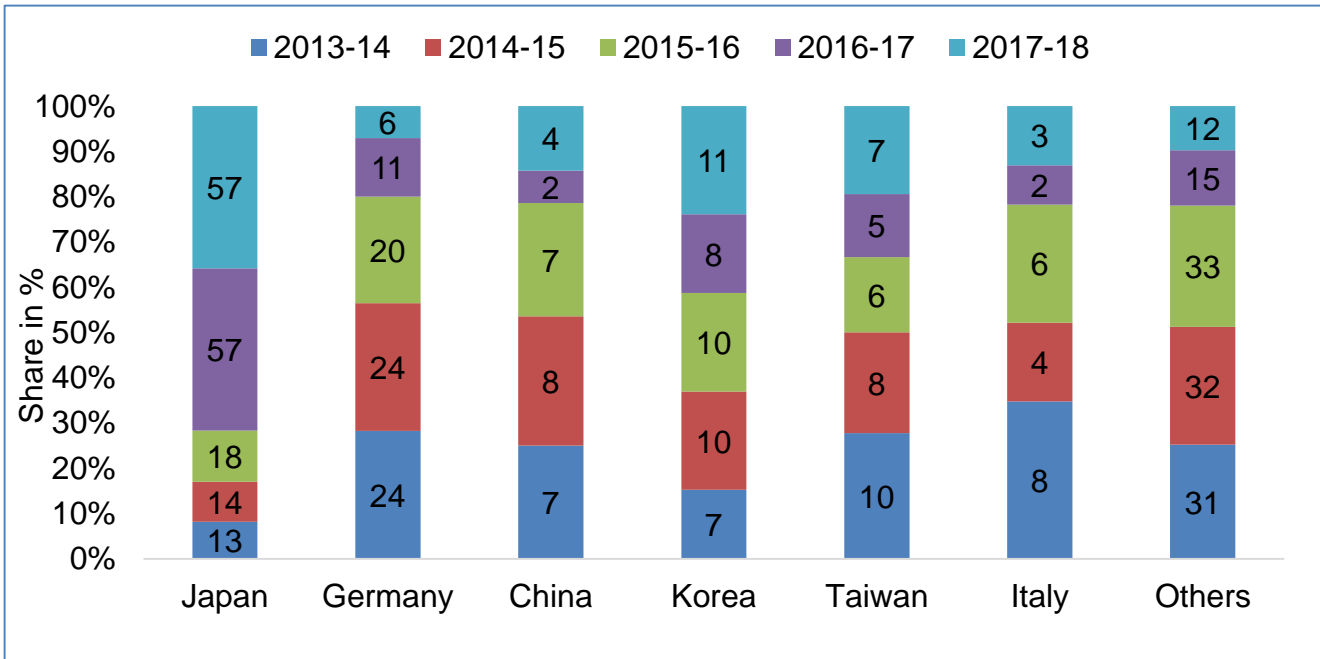
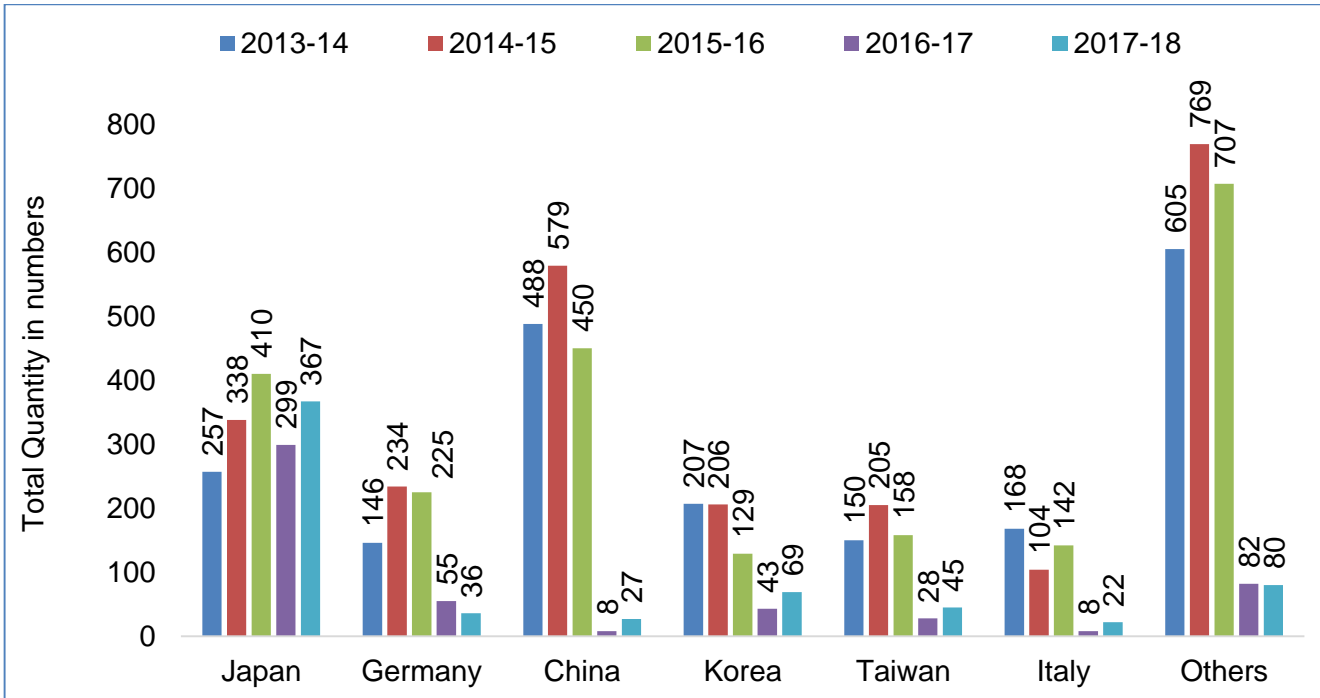
- Vertical Machine Centers (VMC) topped the list of highest import by machinery in 2017-18, followed by Horizontal Machine Centers (HMC) which topped the import list in 2016-17.



- A decline in share of imports from Japan and other countries is observed in 2017-18, while the share of USA, Germany, China, Korea & Taiwan have increased from 2016-17.

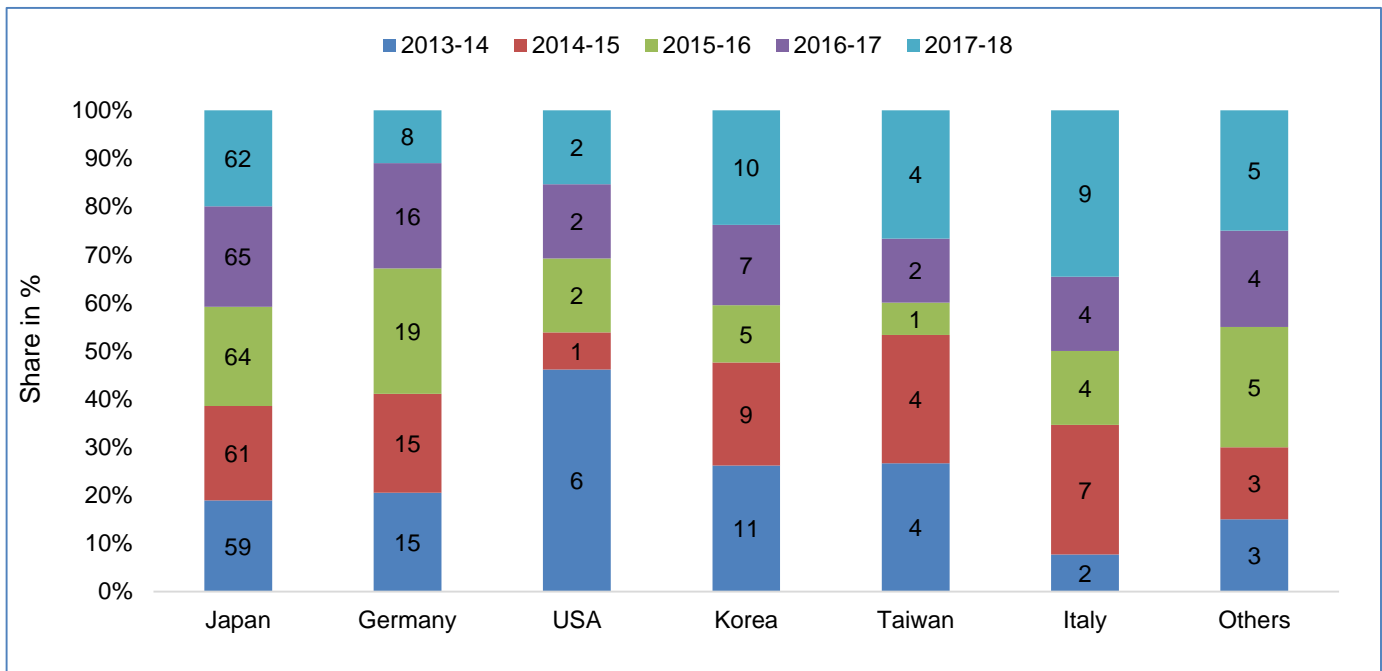
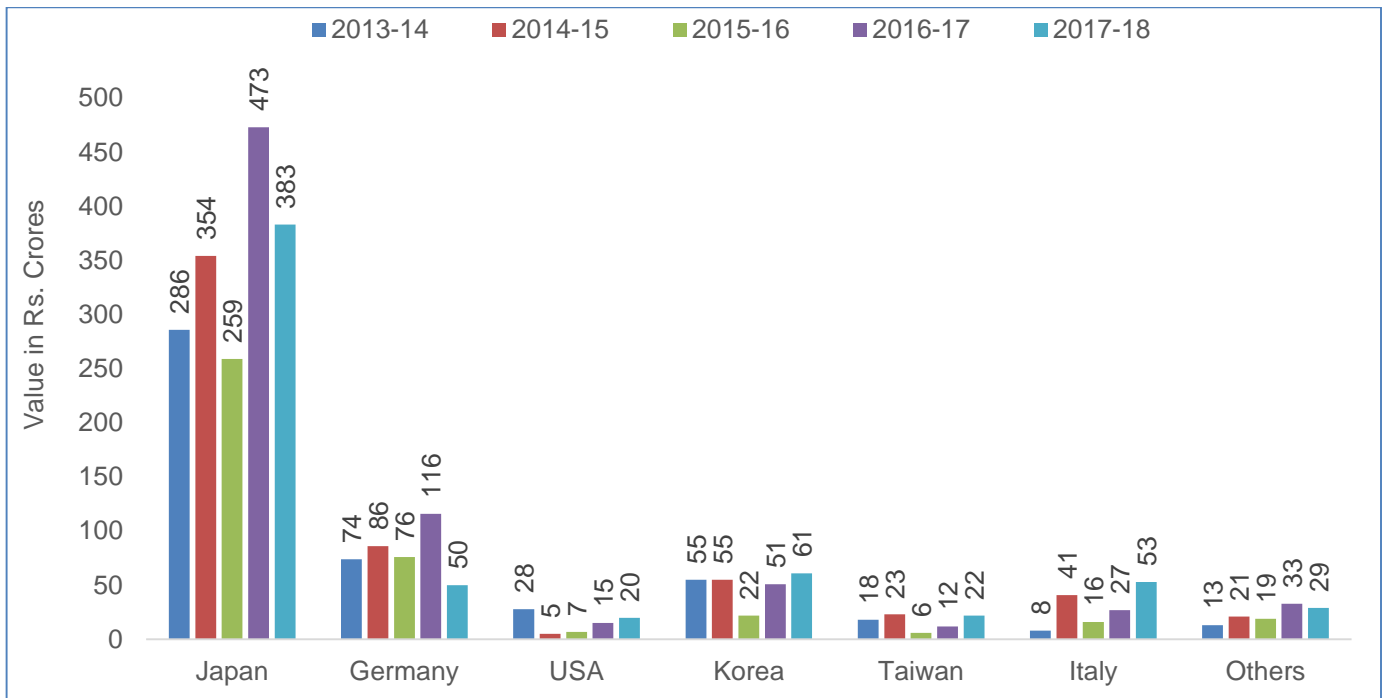


### Country wise Horizontal Machining Centers imports by India (By Quantity)



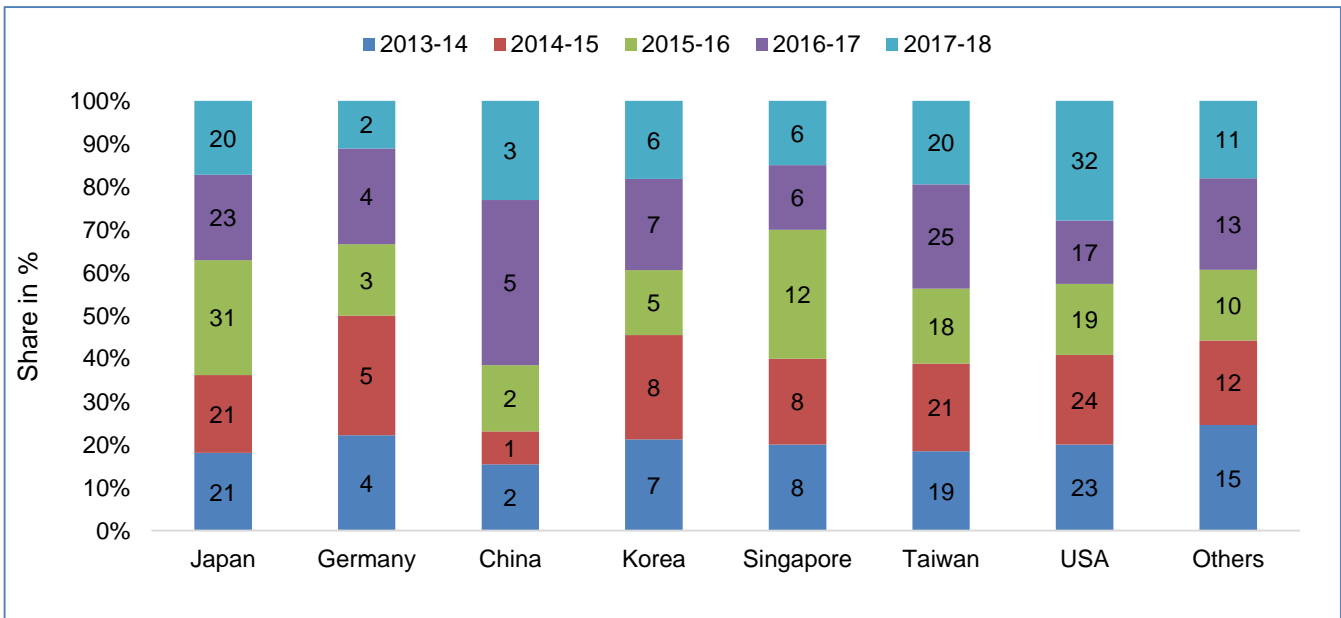
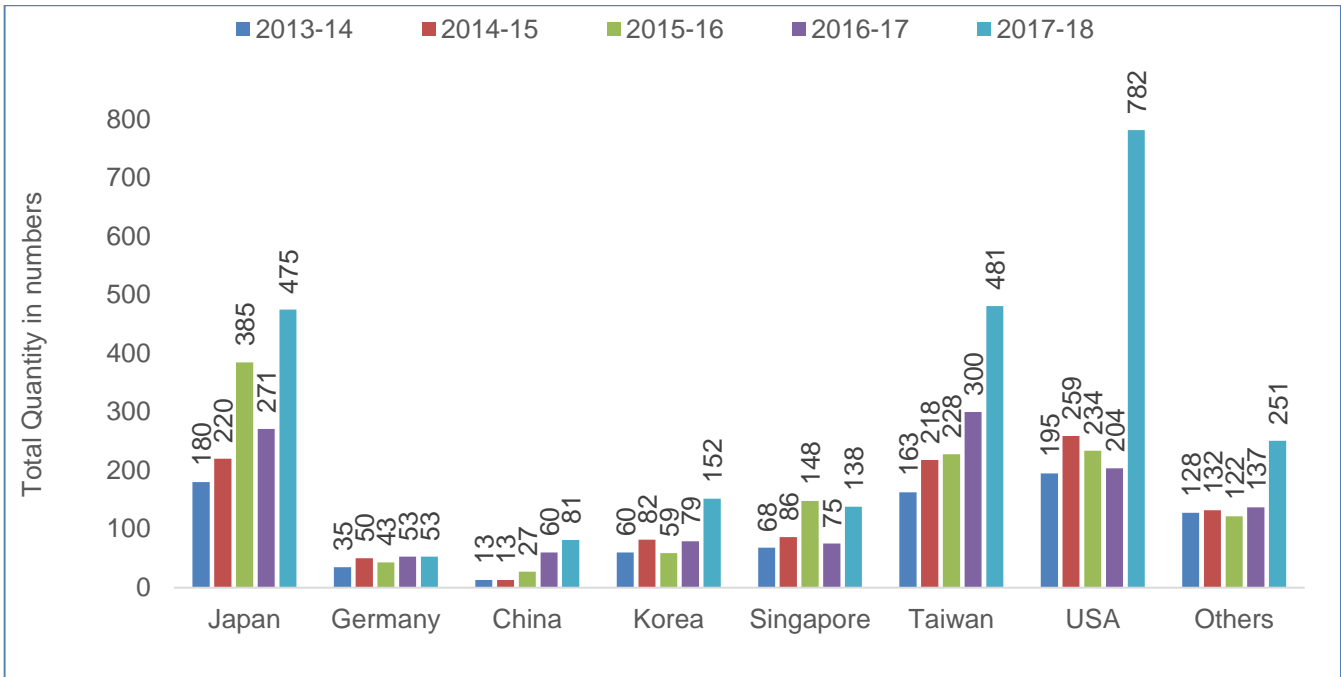
- HMC constitute about 10 percent of total metal cutting machine tools during 2017-18.
- Due to the absence of domestic manufacturers to supply high end machines, this segment is mostly contributed through imports. Major Brands includes Dusan, Hundai, Mazak, Haas, Okuma etc.

## Country wise Horizontal Machining Centers imports by India (By Value)



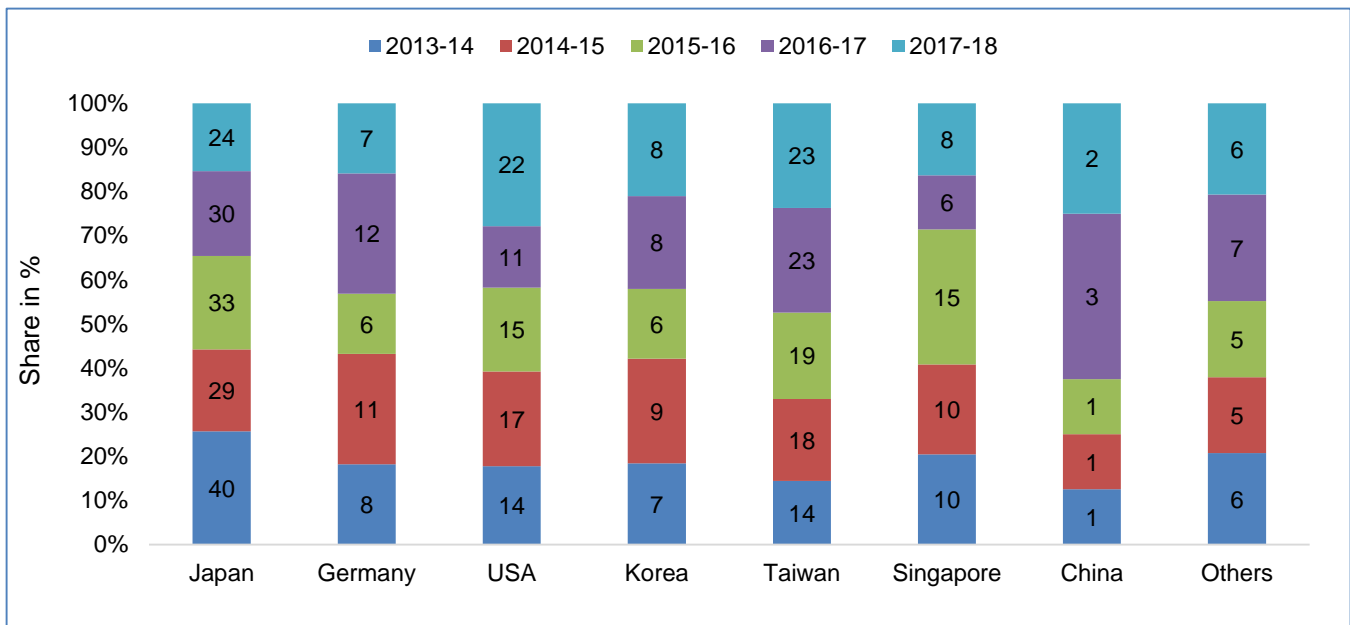
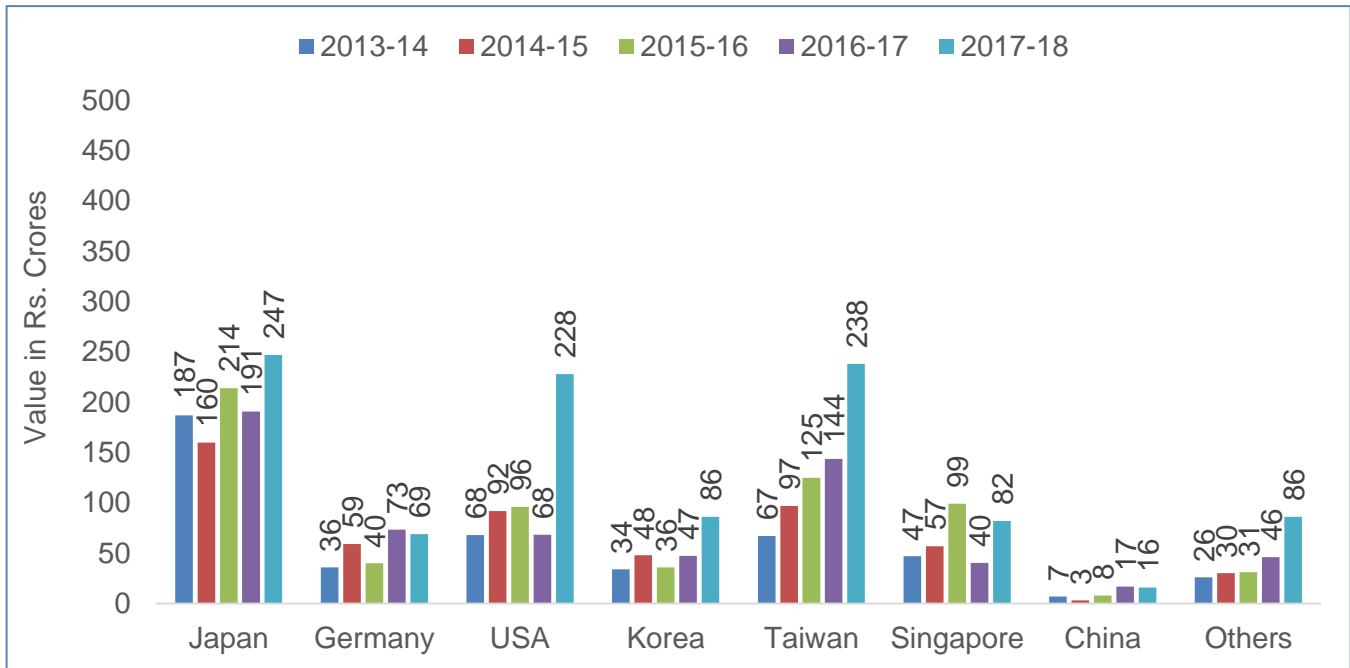
- About 55% of HMC consumed in India were imported during 2017-18.
- Japan is main source of imports which cater about 62 percent of the total HMC imports in 2017-18.
- Korea and Italy are the other major source of imports at 10% and 9% respectively.

### Country wise Vertical Machining Centers imports by India (By Quantity)



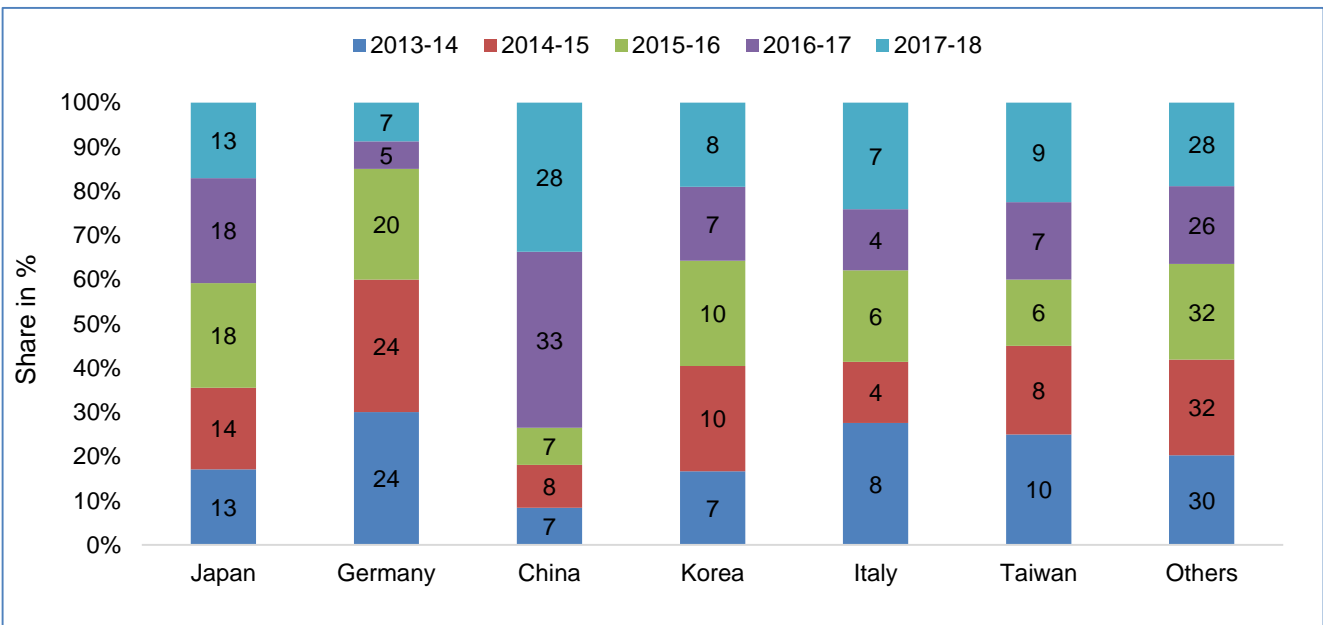
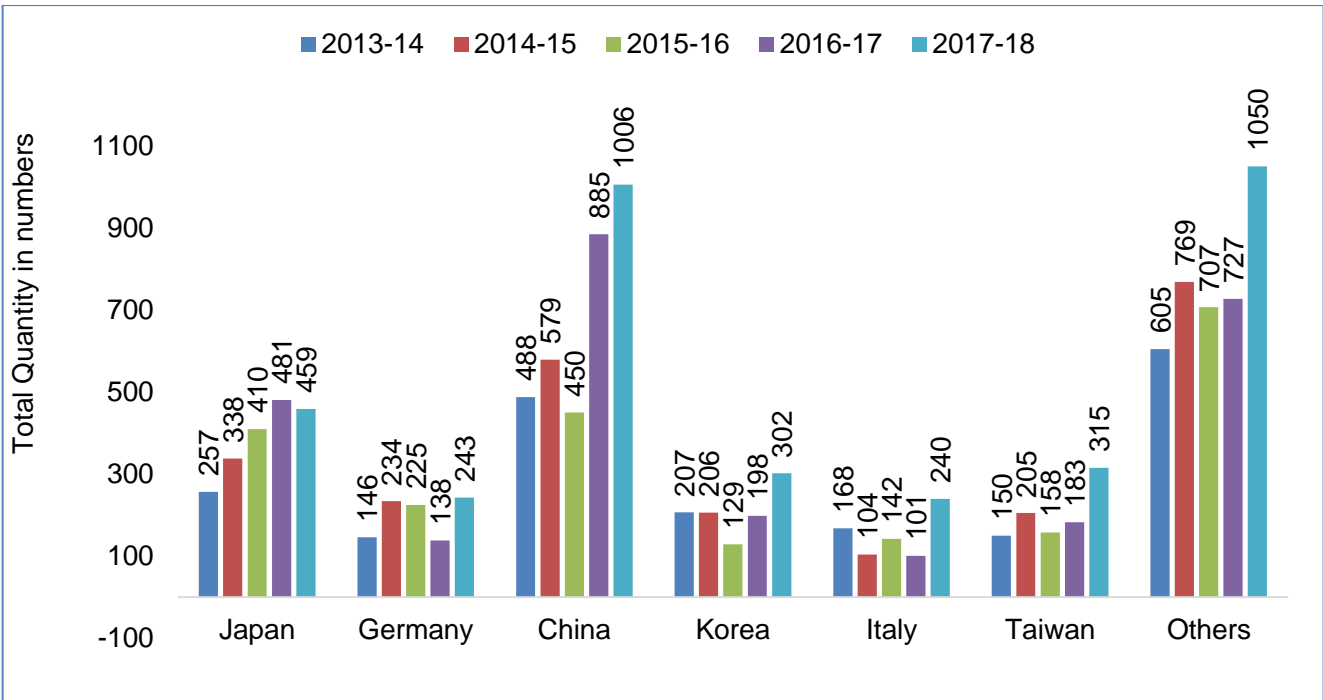
- USA has the largest share of net imports by quantity at 782 units in 2017-2018.
- Major Brands includes Doosan, Makino, Brother, Haas etc.

## Country wise Vertical Machining Centers imports by India (By Value)



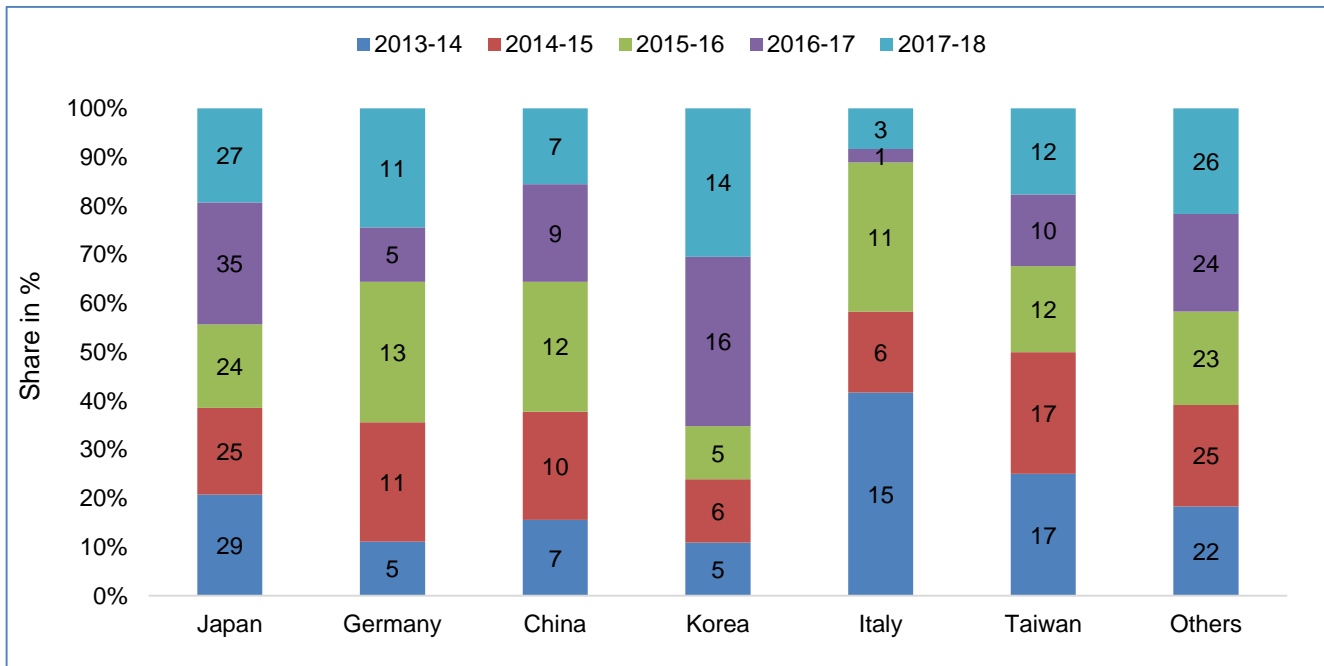
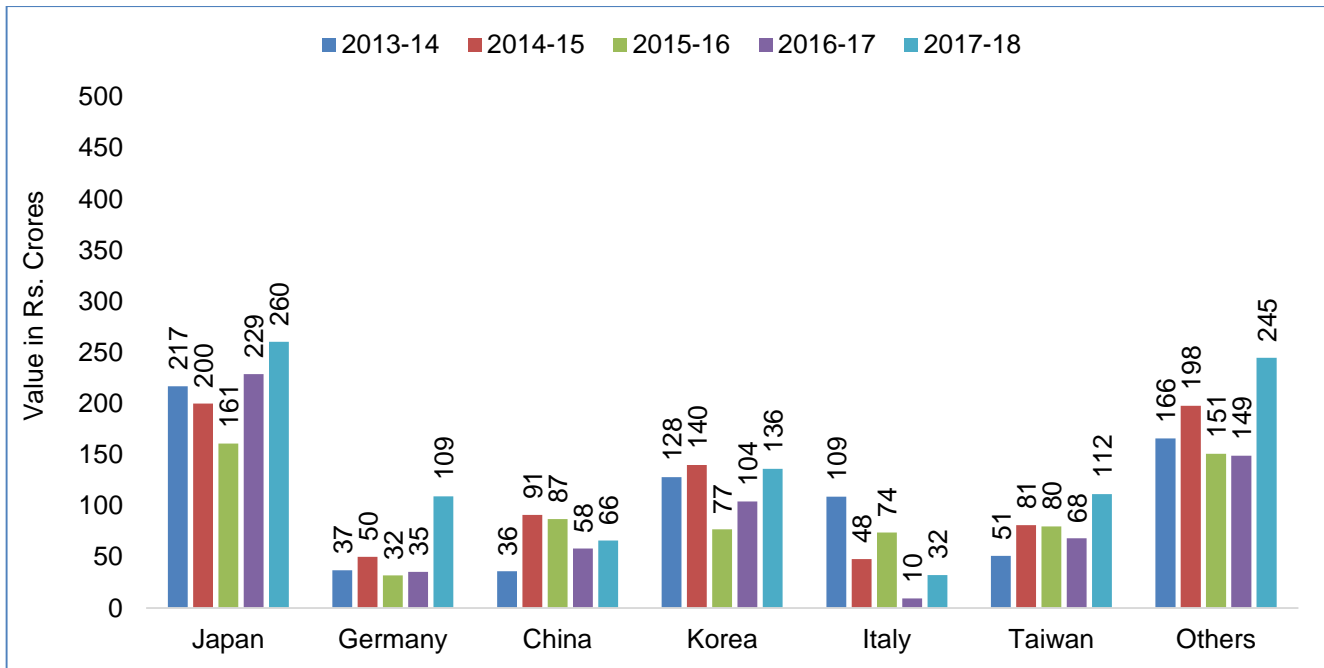
- VMC imports constitute of about 19 percent of total metal cutting machine tool imports to India during 2017-18. Japan is main source of imports which cater about 24 percent of the total machines imports.
- About 31 percent of the vertical machining centers consumed in India are imported.

### Country wise Turning Machine imports by India (By Quantity)



- China has the largest share of net imports by quantity at 1006 units in 2017-2018.
- Major Brands in this segment includes Mazak, Doosan, DMG, Hundai etc.

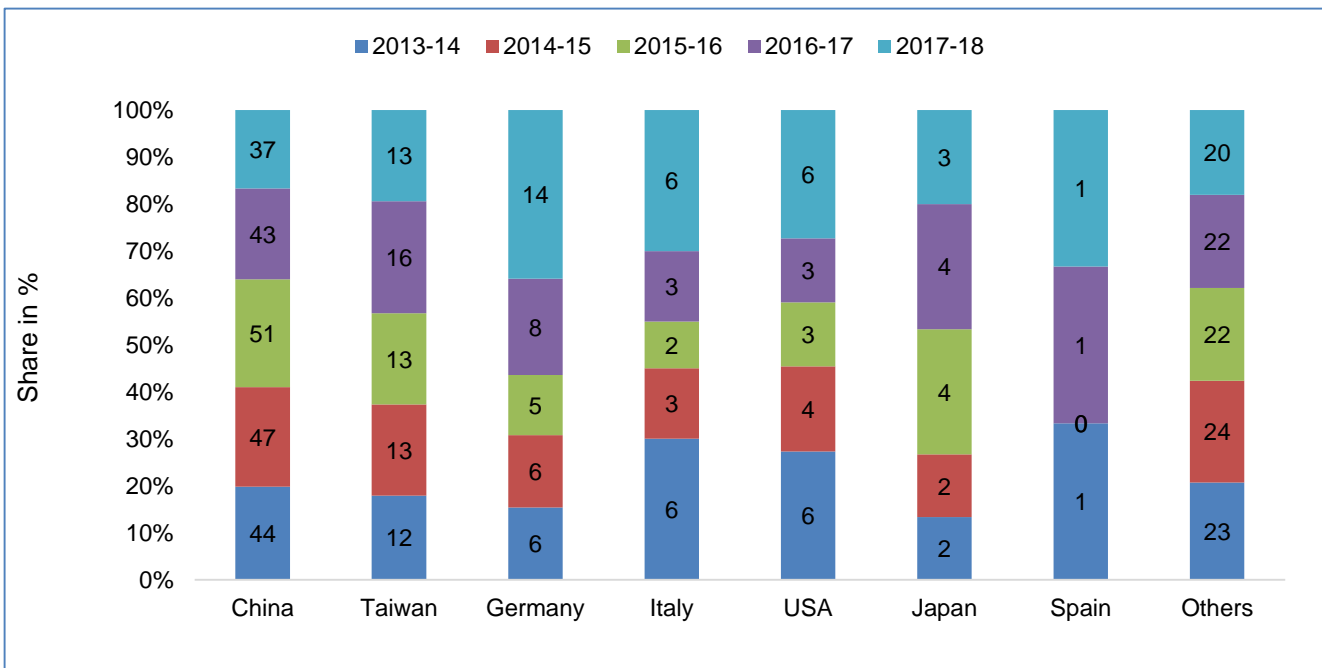
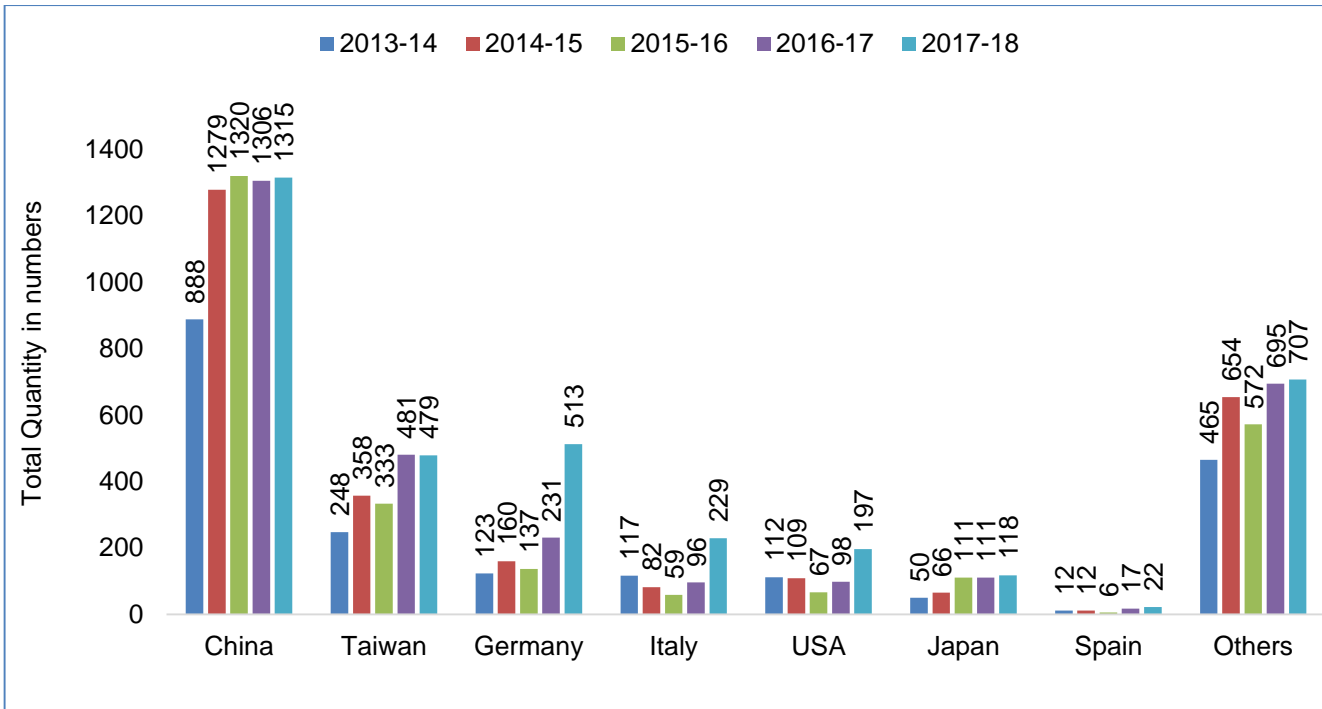
## Country wise Turning Machine imports by India (By Value)



- Turning machine imports constitute of about 18 percent of total metal cutting machine tool imports to India during 2017-18.
- About 25 percent of the turning machines consumed in India are imported. Japan is main source of imports which carted about 27 percent of the total machines imports to India during 2017-18.

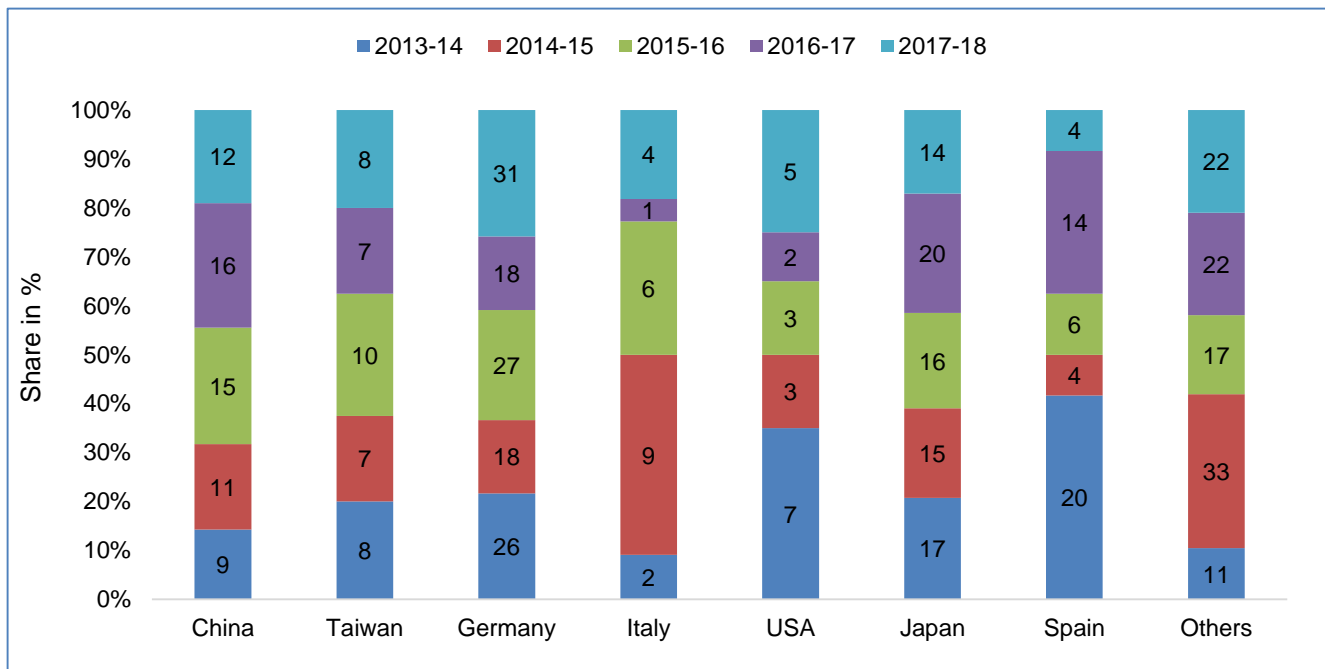
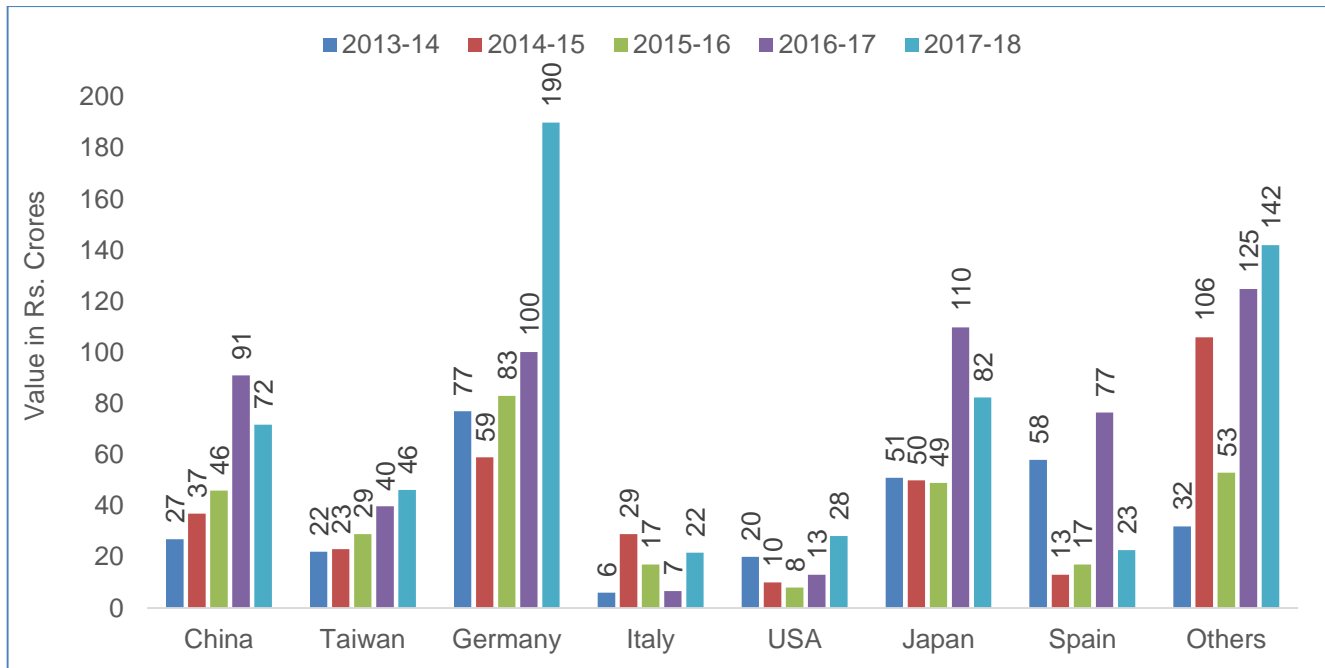


## Country wise Milling Machines imports by India (By Quantity)



- China has the largest share of net imports by quantity at 1315 units in 2017-18. A total of 3580 units in this segment were imported from all countries in 2017-18.
- Major Brands in this segment includes Haas, Hartford, Hurco etc.

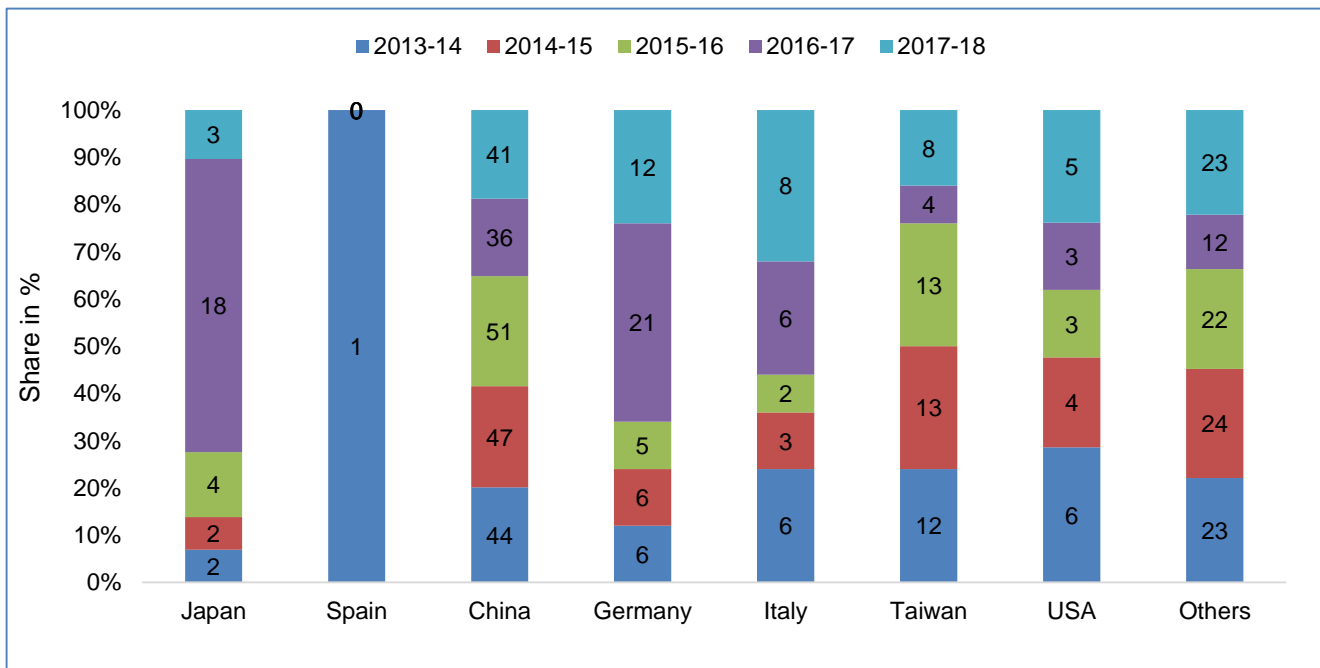
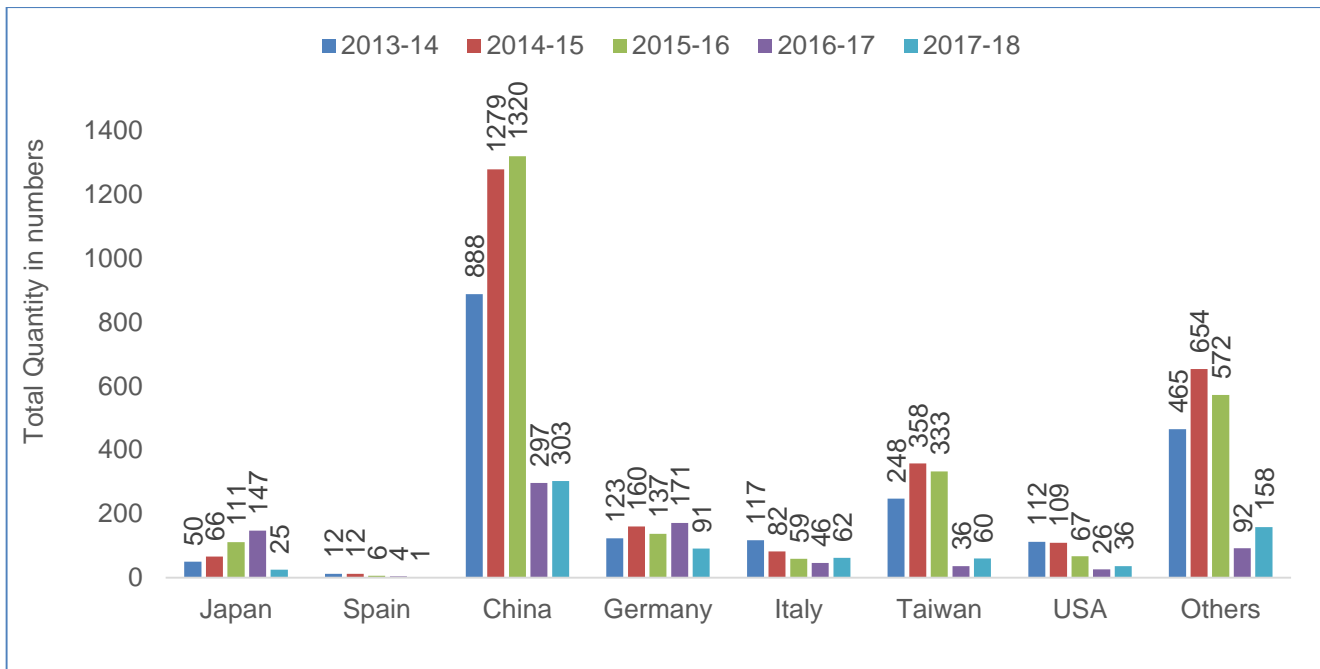
## Country wise Milling Machines imports by India (By Value)



- Milling machine imports constitute of about 11 percent of total metal cutting imports to India during 2017-18. About 91.5 percent of the milling machines consumed in India are imported in 2017-18.
- Germany is main source of imports which cater about 31 percent of the total milling machines imports.

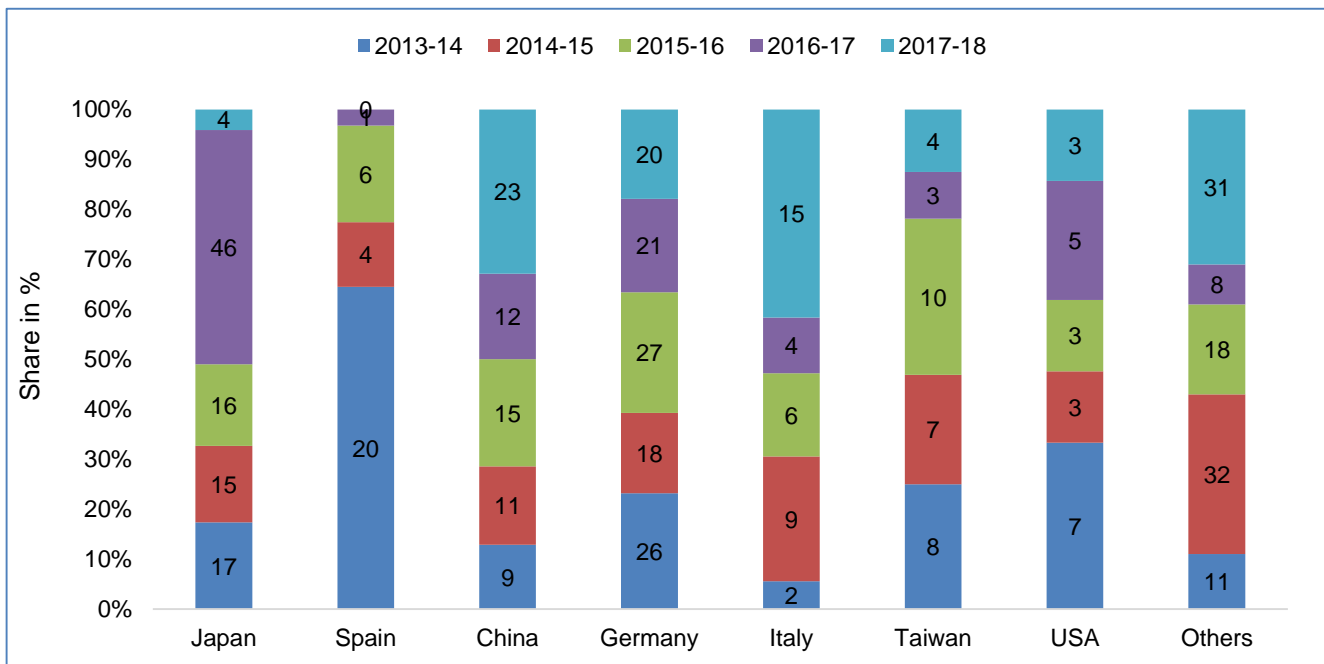
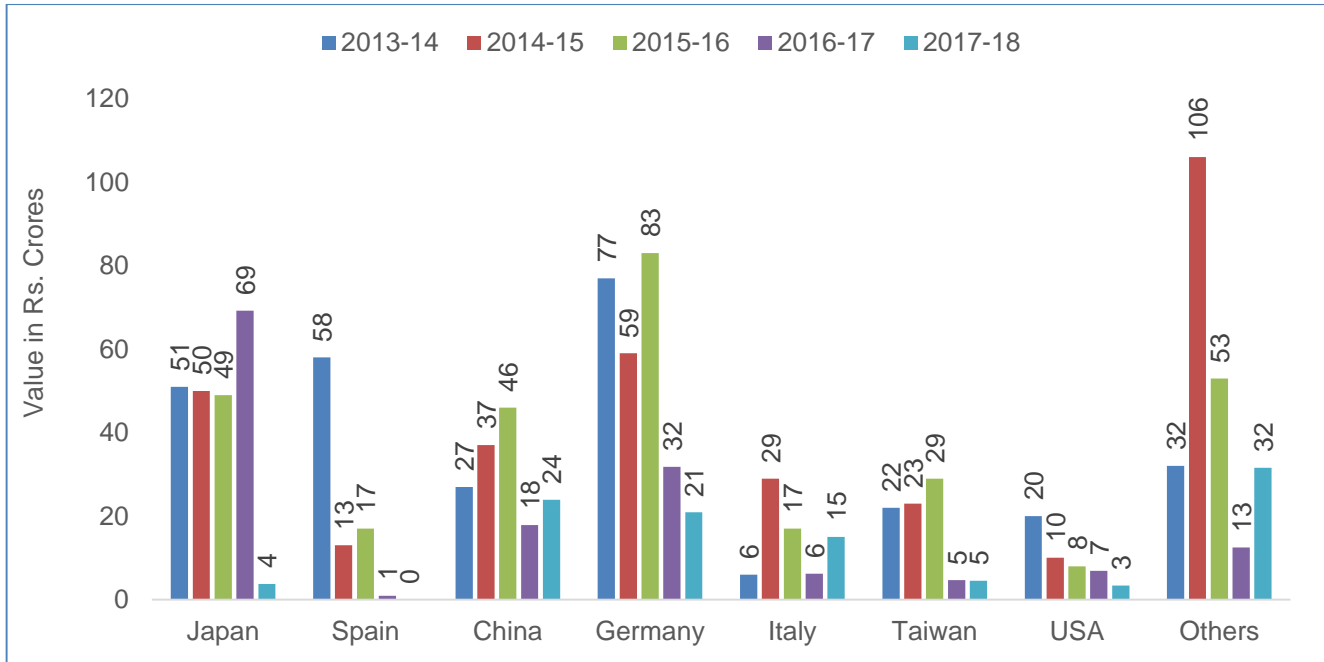


## Country wise Drilling Machines imports by India (By Quantity)



- China has the largest share of net imports by quantity at 1315 units in 2017-18. A total of 3580 units in this segment were imported from all countries in 2017-18.
- Major Brands in this segment includes Fanuc, Takisawa, Haas etc.

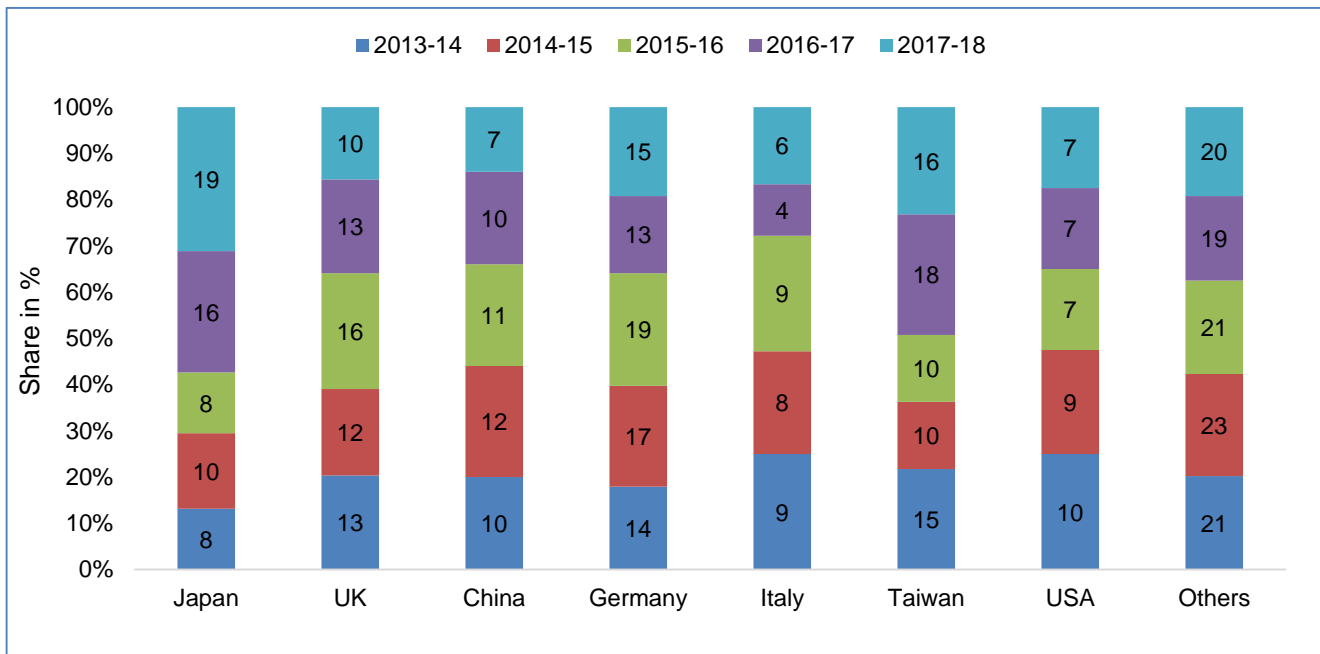
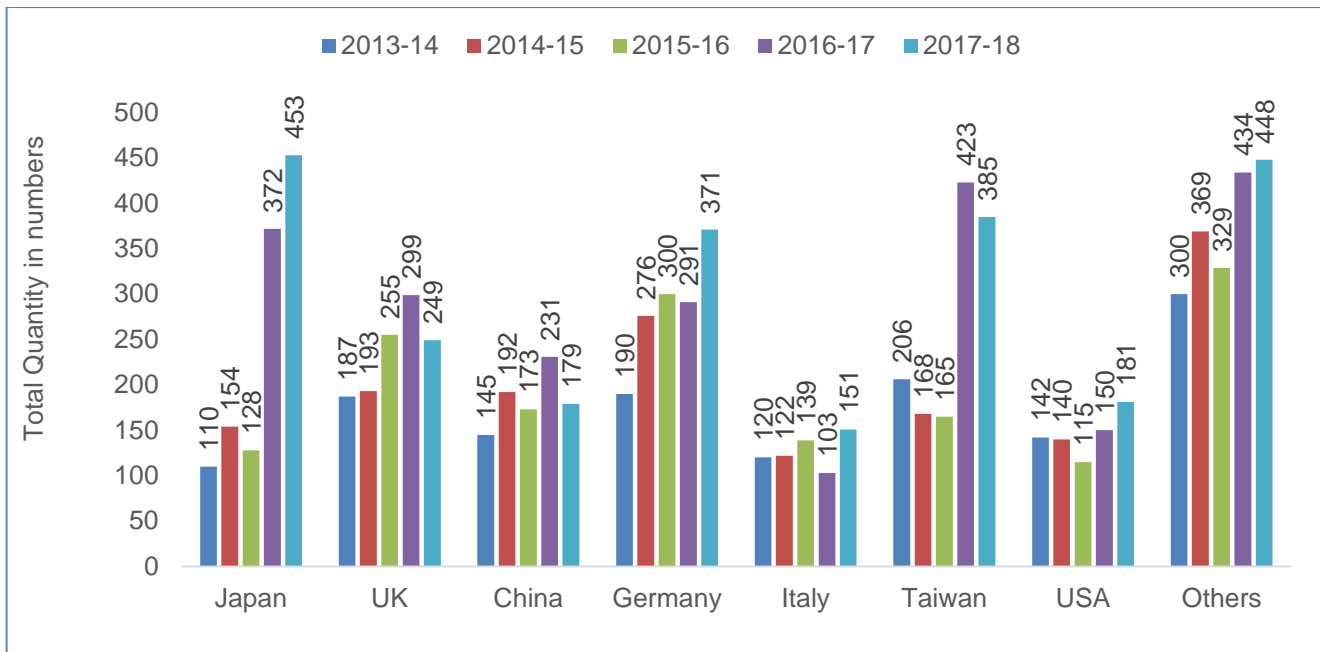
## Country wise Drilling Machines imports by India (By Value)



- Drilling machines imports constitute of about 1.9 percent of total metal cutting machine tool imports to India during 2017-18. About 70 percent of the Drilling machines consumed in India are imported in 2017-18.
- China is the main source of imports which cater about 23 percent of the total drilling machines imports.

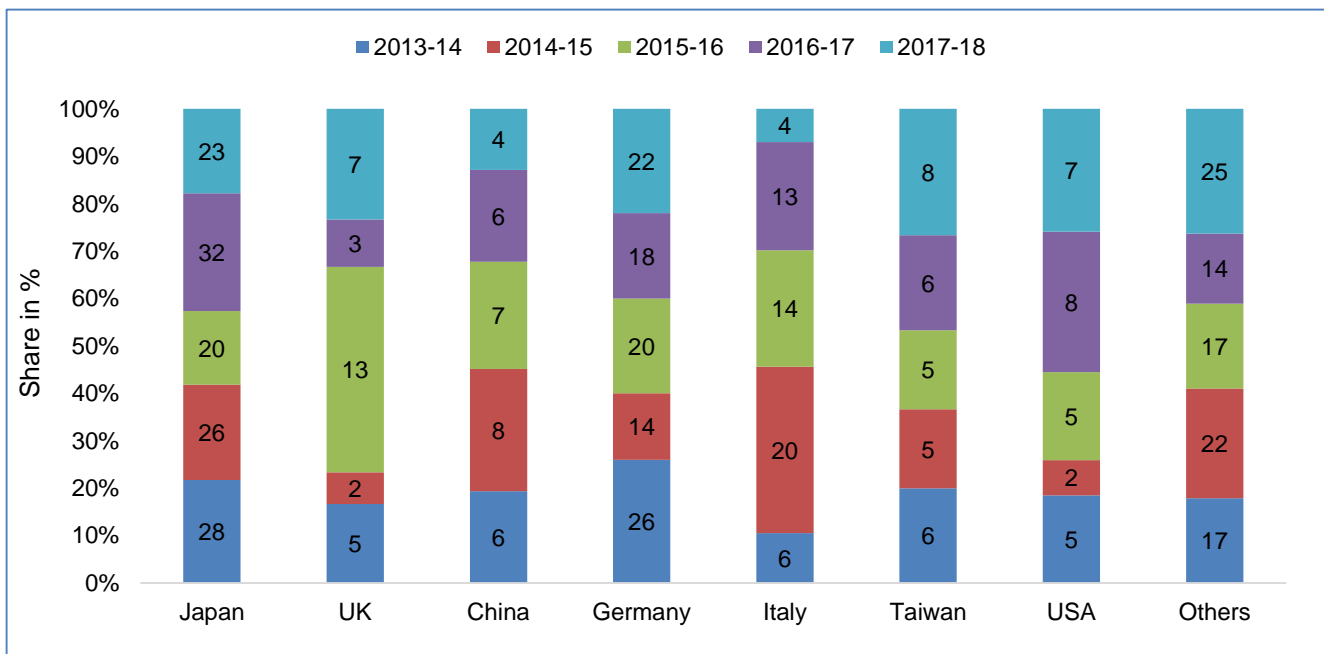
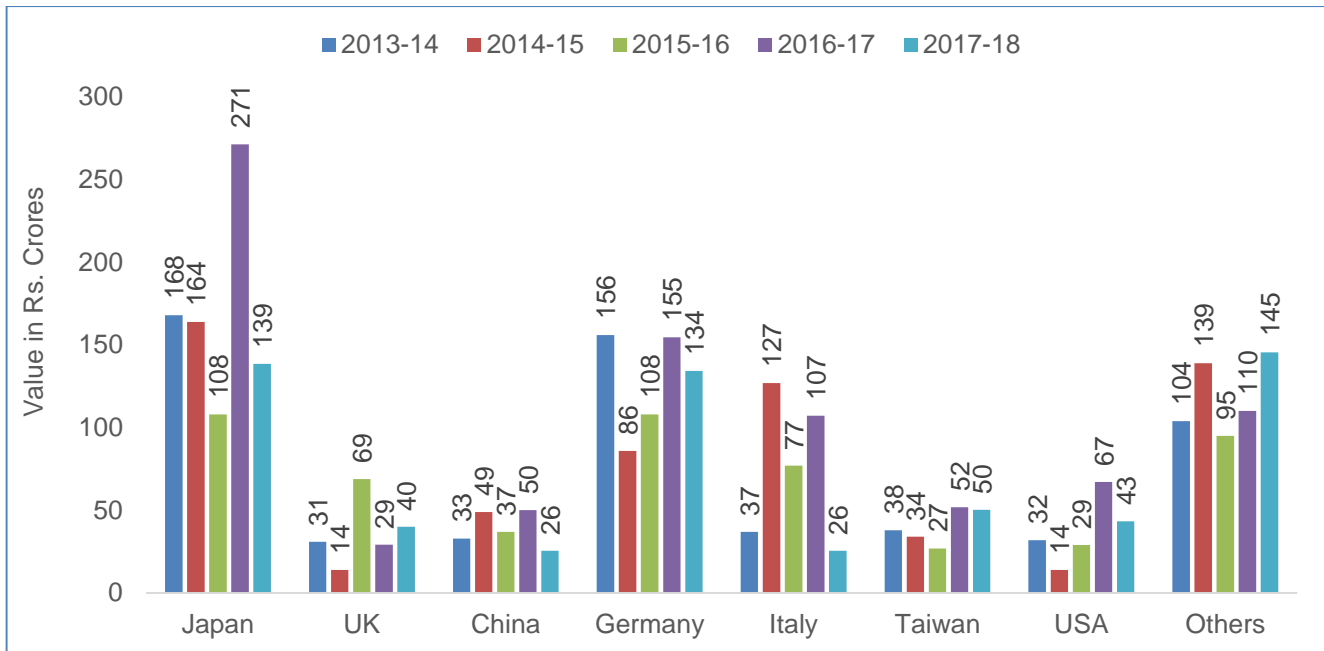


## Country wise Grinding Machine imports by India (By Quantity)



- Japan has the largest share of net imports by quantity at 453 units in 2017-18. A total of 2417 units in this segment were imported from all countries in 2017-18.
- Major Brands in this segment includes Donobat, Walter, Okamoto etc.

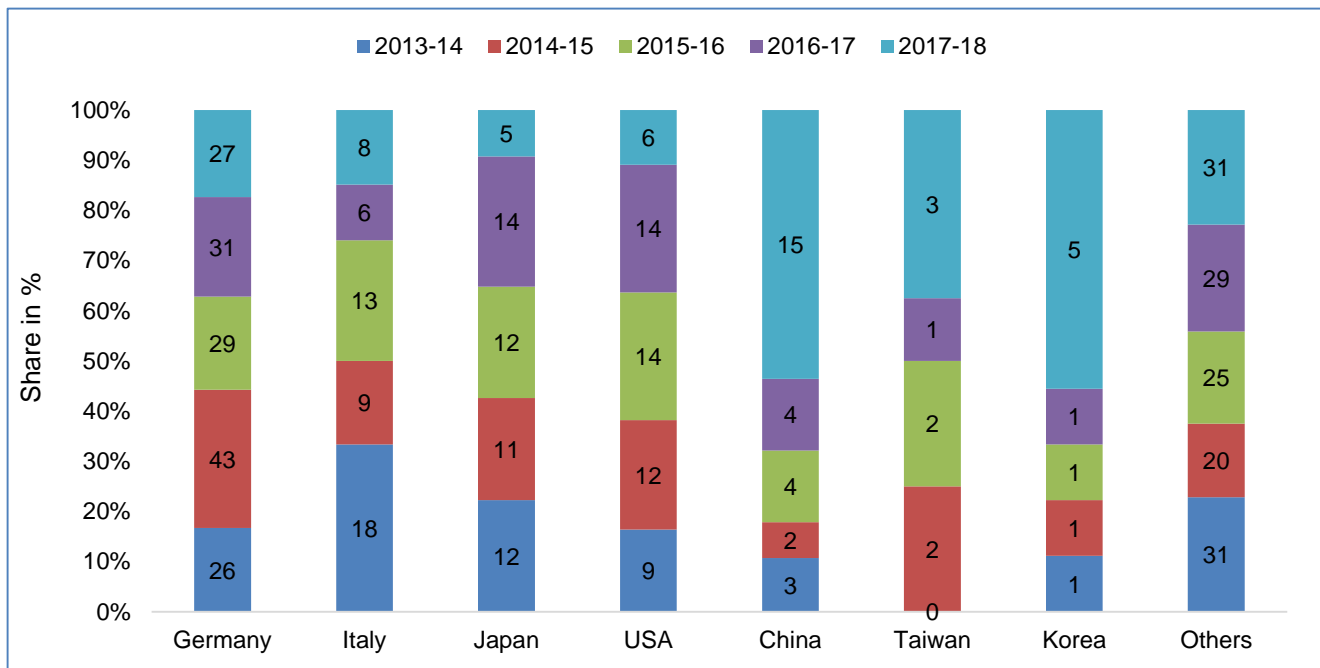
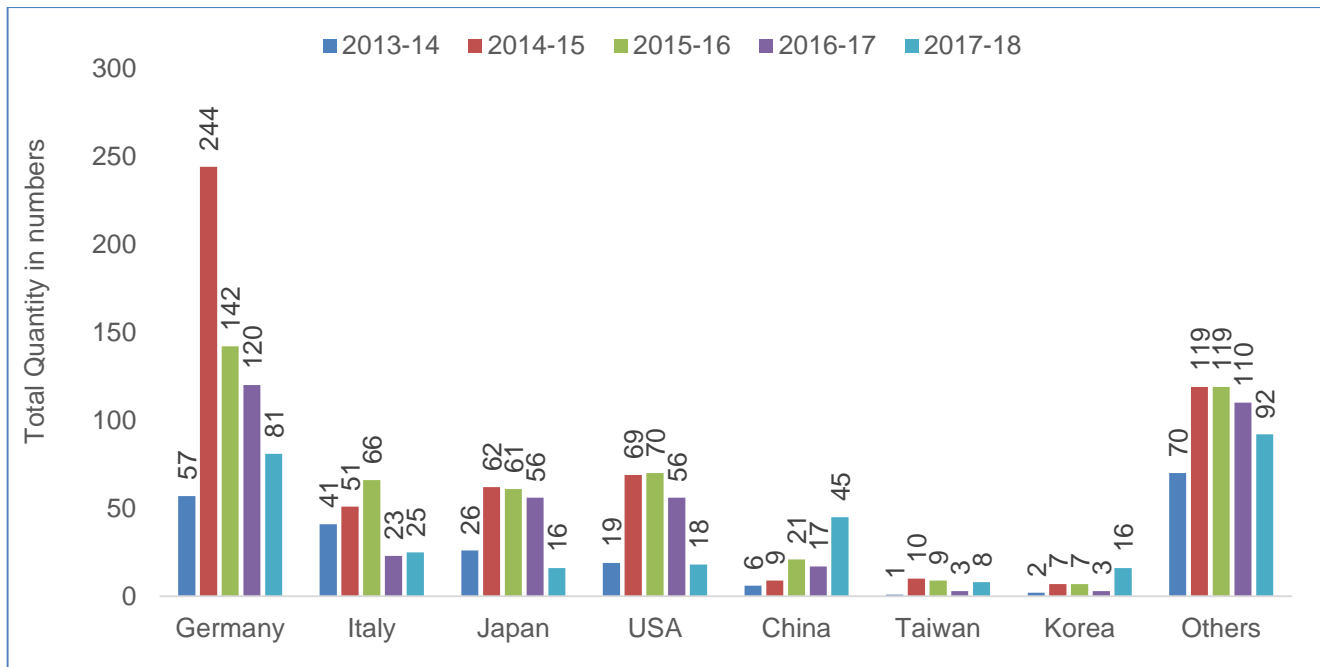
## Country wise Grinding Machine imports by India (By Value)



- Grinding imports constitute of about 11 percent of total metal cutting imports to India during 2017-18.
- About 70.8 percent of the grinding machines consumed in India are imported in 2017-18. Japan and Germany are main source of imports which caters about 23% and 22% respectively of the total Grinding machines imports in India during 2017-18.

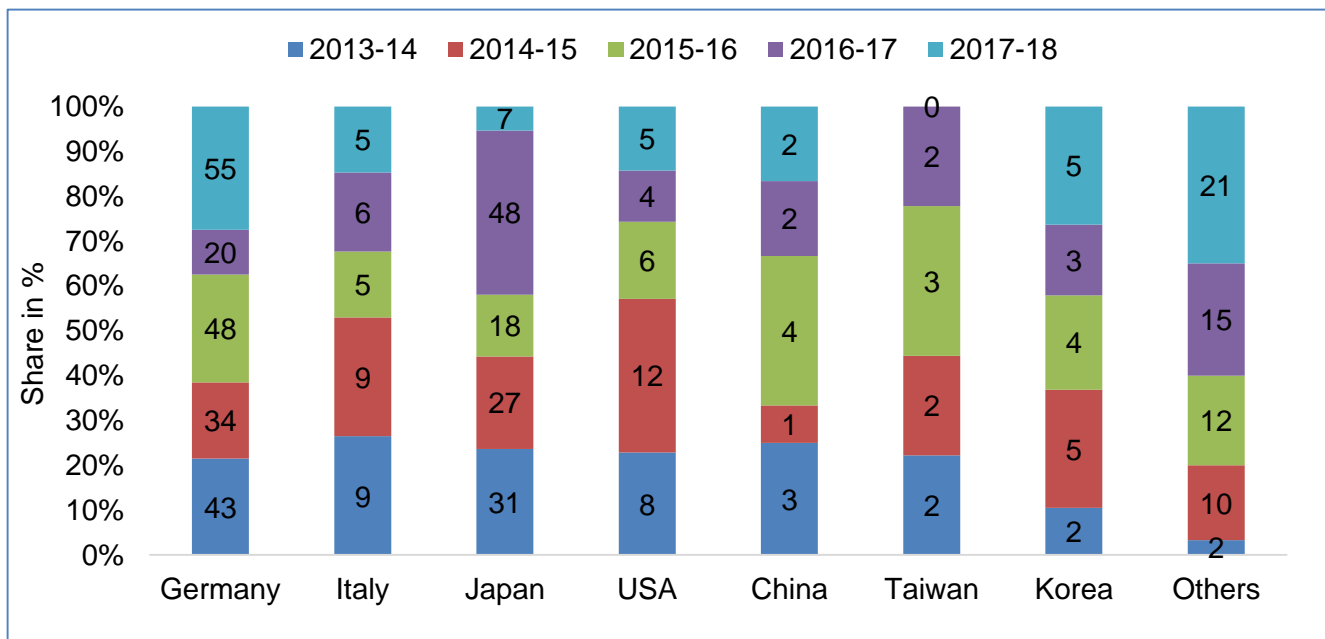
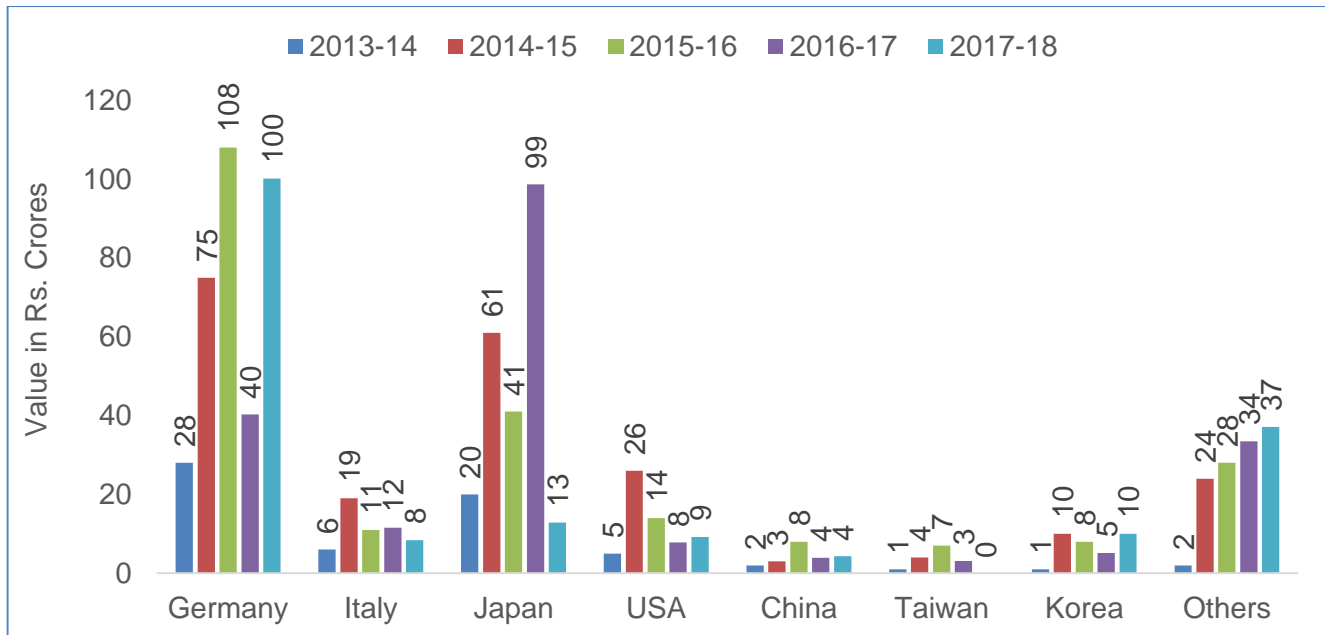


## Country wise Gear Cutting machines imports by India (By Quantity)



- Germany has the largest share of net imports by quantity at 81 units in 2017-18. A total of 301 units in this segment were imported from all countries in 2017-18.
- Major Brands in this segment includes Gleason, Liebherr, Karatsu etc.

### Country wise Gear Cutting machines imports by India (By Value)

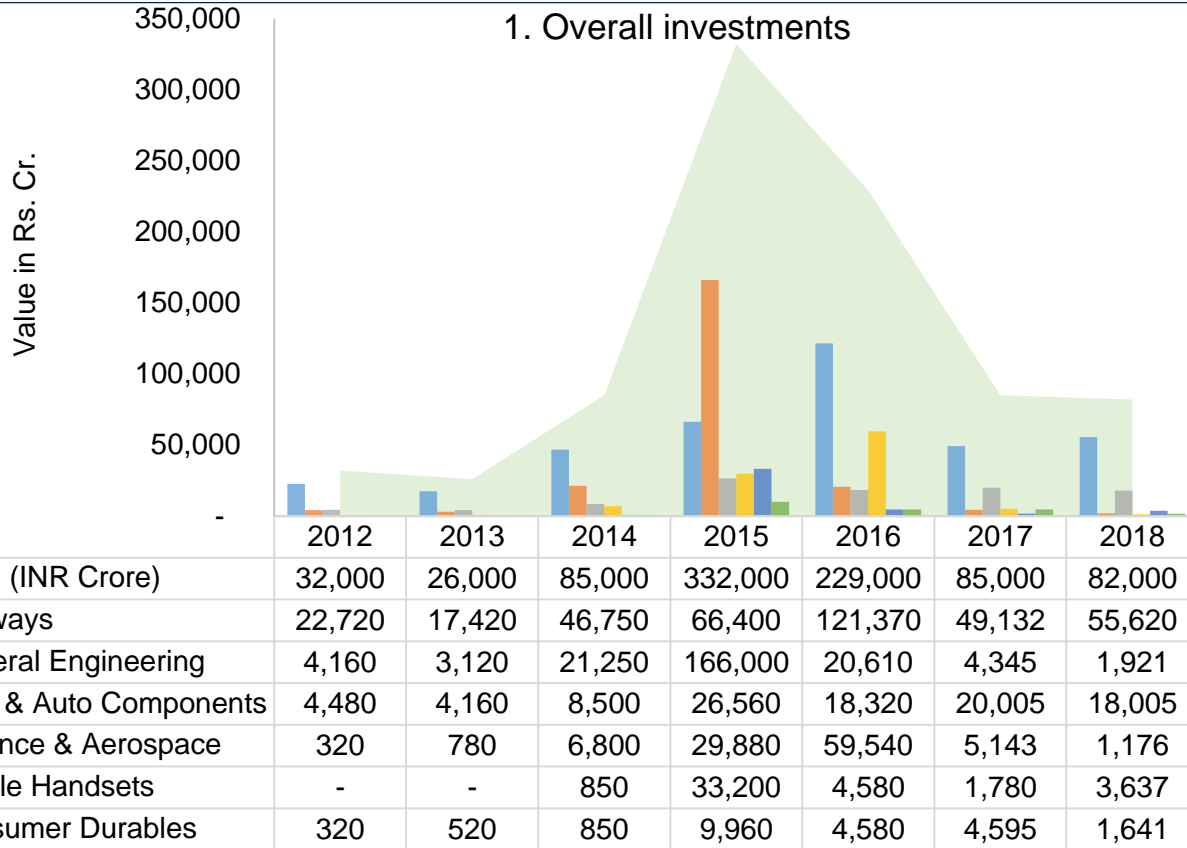


- Gear Cutting machines imports constitute of about 3.3 percent of total metal cutting imports to India during 2017-18.
- Germany is the single largest source of imports which caters about 55 percent of the total Gear cutting machines imports to India in 2017-18.

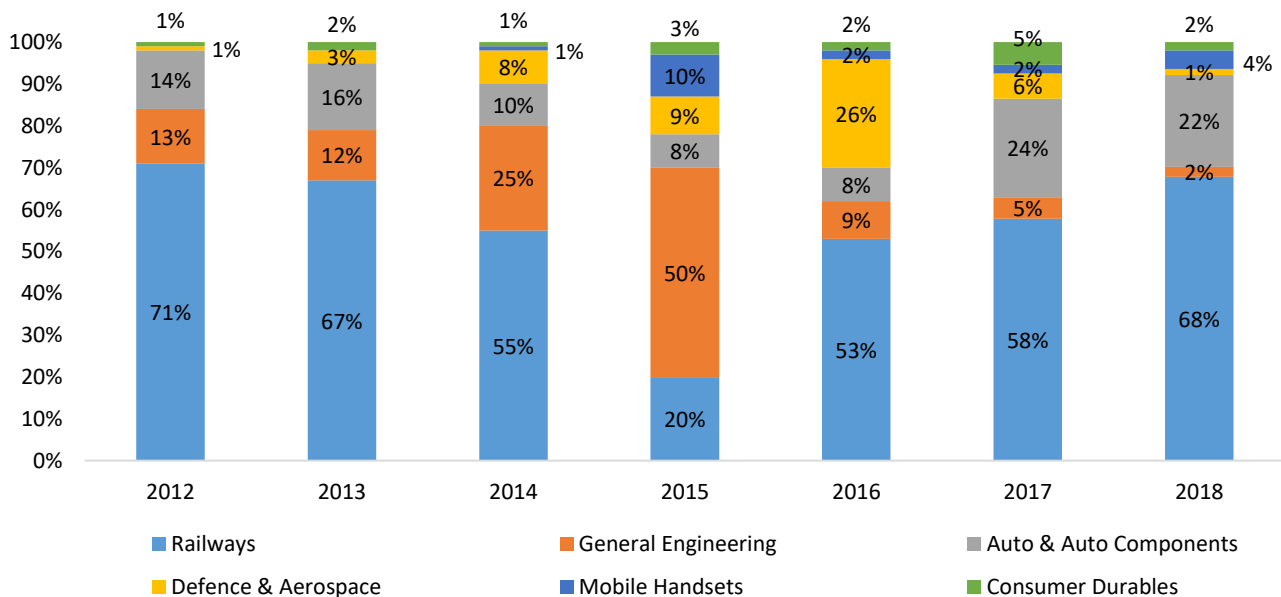


# Investment Analysis in Machine Tool User Sectors

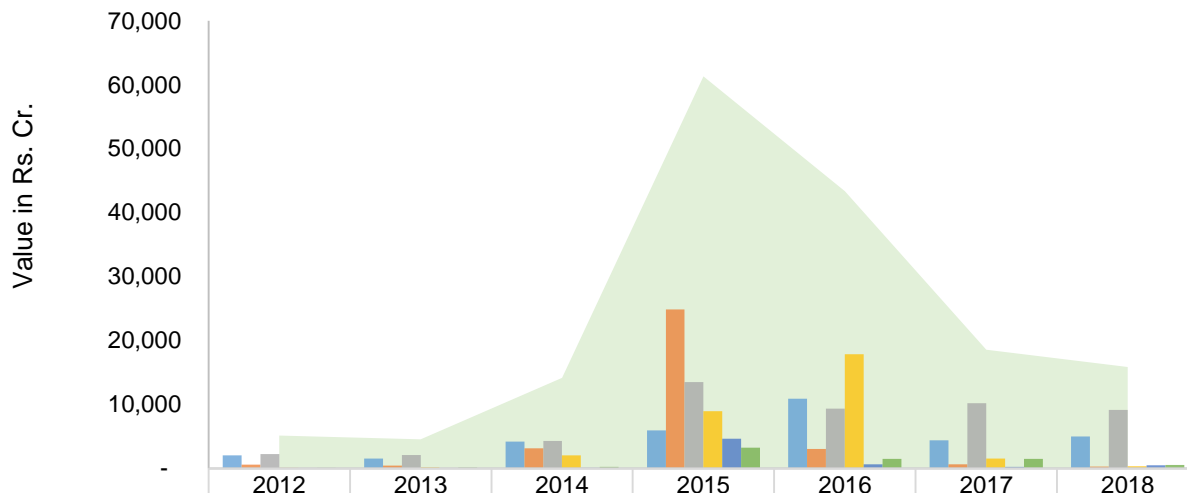
## Investment by Machine Tool User Sectors



### Estimated Overall investment share by sectors

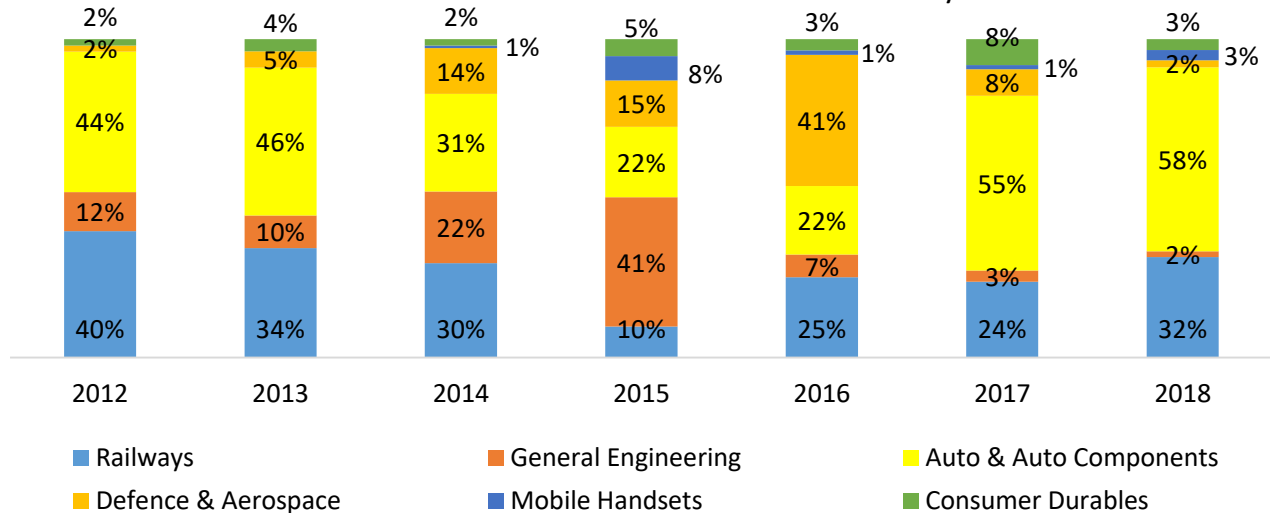


## 2. Potential Machine Tool investments



	2012	2013	2014	2015	2016	2017	2018
Total (INR Crore)	5,160	4,570	14,180	61,320	43,370	18,580	15,880
Railways	2,050	1,570	4,210	5,975	10,925	4,420	5,005
General Engineering	630	470	3,190	24,900	3,090	650	290
Auto & Auto Components	2,280	2,120	4,340	13,545	9,345	10,200	9,185
Defence & Aerospace	95	235	2,040	8,960	17,860	1,545	350
Mobile Handsets	-	-	120	4,650	640	250	510
Consumer Durables	105	175	280	3,290	1,510	1,515	540

### Estimated Potential Machine Tool investment share by Sectors



- Total investment in machine tool related sectors reached Rs. 15,880 Cr. in 2018.
- Auto & Auto components received the highest share of investments among machine tool user segments at 58% with a net value of Rs. 9185 Cr. in 2018.

# Opportunity Analysis on Indian Metal Cutting Machine Tool Industry



## Opportunities in Indian market

- **Economy:** Fastest growing major economy of the world. Estimated to surpass China's GDP growth rate to reach 7.4% in 2018. Government thrust to take India's GDP to \$10 trillion by 2032.
- **Make in India policy:** aims to increase share of manufacturing in GDP to 25% by 2022. Focus on 25 key Sectors (Automobile, Aviation, Railways etc.) with 100% FDI permit.
- **Ease of Doing Business** index improved 53 ranks (from 130th in 2016) to 77 in 2018. GST – to further enhance ease of doing business in India.
- India ranked at **30th position on a Global Manufacturing Index** (WEF 2017-18).
- Total FDI inflows reached **US\$ 61.9 billion in 2017-18**.
- **India is preferred by global manufacturing companies** as an outsourcing destination, due to cost competitiveness, favourable investment conditions, better engineering and designing capabilities.

### Key areas for improvement

Products	Share of imports in Consumption by products in 2017-18	Major source of imports in 2017-18
VMC	31%	Japan (24%), Taiwan (23%), USA (22%)
HMC	55%	Japan (62%), Korea (10%), Italy (9%)
Turning Centres	15%	Japan (27%), Korea (14%), Taiwan (12%)
Grinding Machines	47%	Japan (23%), Germany (22%), Switzerland(9%)
Milling Machines	34%	Germany (31%), Japan (14%), China (12%)

<b>VMC</b>	This is a growing segment with high technology. Higher share of domestic manufacturers indicate that acceptability for Indian brands. High imports from Taiwan and Japan makes this segment highly price competitive.
<b>HMC</b>	Currently, this market is dominated by imports because of the demand for technologically advanced machine tools. Majority of import is from Japan. Indian manufacturers are less competitive in manufacturing technologically high-end machine tools with multi axes movement and high spindle speeds.
<b>Turning Centres</b>	Demand for Turning Centres is on the higher side. The Indian machine tool manufacturers cover the popular range of turning centres, but only in standard and basic designs.
<b>Grinding machines</b>	Due to the incapability of Indian manufacturers to supply superior technology machines, most of the demand in this segment is met through imports from Japan & Germany.



## Recommendations

Products	Market Constraints	Strategy for Domestic Manufacturers
<b>VMC</b>	The current trend in machining centres is to have additional axes of movements to take on complex machining requirements including turning and grinding capabilities on the machining centre	Focus on supplying compact machines suitable for line integration for mass production of auto components
<b>HMC</b>	Increasing demand for machining centres with more axes of movements	Supply machining centres having axes of movements above 5, traverse rates above 100 meters per minute and speed ranging from 10,000 to 50,000 rpm
<b>Turning Machines</b>	The Indian machine tool manufacturers cover the popular range of turning centres, but only in standard and basic designs	Supply turning centres with global standards having spindles with integrated motors, speed of 6000 rpm and slide traverse rates above 60 meters per minute
<b>Grinding Machines</b>	Machines lacking advanced technology features	Focus on developing machines with high accuracy and surface finish qualities which will be at par with the import quality machines

## Major challenges

Challenges	Strategic Recommendations
<b>Lack of local developed technology</b>	Manufacturers may invest in developing R&D facilities and make use of GOI sponsored Schemes
<b>Highly dependent on Imports</b>	Manufacturers need to focus on developing high end technologies and also on price competitive products
<b>Low awareness / Credibility of Brands</b>	Interact more with user segments and provide demonstrations of machines to increase awareness
<b>Highly Price competitive market</b>	Manufacturers may focus on increase reach by offering better service solutions
<b>Lack of complete range of products</b>	Indian manufacturers still focusing on standalone products while the global manufacturers offer complete solutions

Strategic Recommendations	
<b>Joint venture (JV) with foreign companies</b>	Indian companies should explore possibility of JVs with foreign companies which would help in improving the technology
<b>Continuous interaction with end-user segments</b>	Manufacturers may continuously interact with the end user segments to understand their future requirements. This would help manufacturers to develop machines with requirements matching with end user expectations.
<b>Complete utilization of government supportive schemes</b>	Industry need to utilize all the schemes sponsored by the government to enhance technology levels and increase their market share.



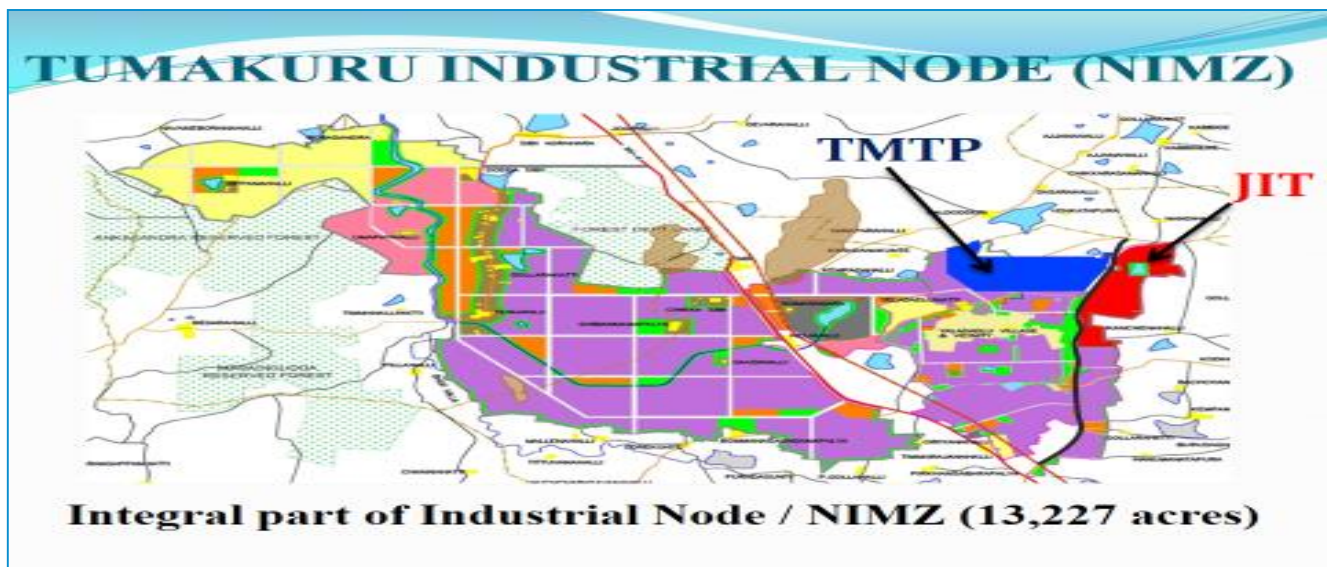


## TUMAKURU MACHINE TOOL PARK - TUMAKURU, INDIA

To facilitate growth of Indian Machine Tool Industry, Govt. of Karnataka and Govt. of India is setting up a Machine Tool Park in Tumakuru near Bangalore

- Exclusive for **Machine Tool** Industry and its **supply chain**
- Located in new industrial city closely **connected to Bangalore**
- About **200 Hectares (550 Acres)**
- **Modern Infrastructure**
- **175 plots** for various sizes for large medium and small industries

**Welcome Machine Tool Companies and Component Manufacturers to invest in Machine Tool Park**



# Appendices



## New investment list in Machine Tool user sectors in 2018

(Cost indicated are for overall investment in each sectors)

Auto & Auto Components						
S.No	Company Name	Project Name	Cost (Rs. Cr.)	Project Status	Industry Group	Ownership Group
1	Adishwar Auto Ride India Pvt. Ltd.	Gundlapochampally (Telangana) CKD Assembly Unit Project	20	Under Implementation	Two & three wheelers	Private (Indian)
2	Ashok Leyland Ltd.	Andhra Pradesh Bus Building Plant Project (Phase 2)	170	Under Implementation	Commercial vehicles	Hinduja (Ashok Leyland) Group
3	Asti Electronics India Pvt. Ltd.	Mandal (Gujarat) Electrical Systems Manufacturing Plant Project	100	Under Implementation	Other automobile ancillaries	Private (Indian)
4	Balkrishna Industries Ltd.	Bhuj Steel Radial OTR Tyres Layers & Mixing Lines Project	500	Announced	Other automobile ancillaries	Siyaram Poddar Group
5	Continental Surface Solutions India Pvt. Ltd.	Pune Premium Surface Materials Manufacturing Facility Project	180	Under Implementation	Other automobile ancillaries	Private (Foreign)
6	Donga Hwasung India Pvt. Ltd.	Anantapur Auto Components Manufacturing Plant (Ancillary Unit) Project	35	Announced	Other automobile ancillaries	Private (Foreign)
7	Doowon Climate Control India Pvt. Ltd.	Anantapur Auto Components Manufacturing Plant (Ancillary Unit) Project	210	Announced	Other automobile ancillaries	Private (Foreign)
8	Faurecia Interior Systems India Pvt. Ltd.	Ammavaru Palli (Andhra Pradesh) New Interiors Manufacturing Plant Project	50	Under Implementation	Other automobile ancillaries	Private (Indian)
9	Ford India Pvt. Ltd.	Maharashtra Centre of Excellence For Integrated Mobility Project	340	Announced	Diversified automobile	Private (Foreign)
10	Gabriel India Ltd.	Chakan R&D Technical Centre Building Project	12	Announced	Other automobile ancillaries	Anand D.C. Group
11	Gabriel India Ltd.	Piston Rod Manufacturing Facility Project	40	Announced	Other automobile ancillaries	Anand D.C. Group
12	Gabriel India Ltd.	Sanand Two Wheeler Front Fork Plant Project	46	Announced	Other automobile ancillaries	Anand D.C. Group
13	Honda Motorcycle & Scooter India (pvt.) Ltd.	Vitthalapur (Gujarat) Two-Wheelers Plant Capacity Expansion Project	630	Announced	Two & three wheelers	Private (Foreign)
14	Hyundai Motor India Ltd.	Sriperumbudur (Near Chennai) Plants Capacity Expansion Project	7,000	Announced	Passenger vehicles	Private (Foreign)
15	India Japan Lighting Pvt. Ltd.	Sanand (Gujarat) Automotive Lighting & Accessories Manufacturing Plant Project	600	Under Implementation	Other automobile ancillaries	T.V.S. Iyengar Group

16	Indian Railways	Fatehpur Rail Ancillary Park Project	1,300	Announced	Other automobile ancillaries	Central Govt. - Commercial Enterprises
17	Keto Motors Pvt. Ltd.	E-Autorickshaw Manufacturing Plant and R&D Facility Project	70	Announced	Two & three wheelers	Private (Indian)
18	Lumax Industries Ltd.	Sanand Auto Components Plant Expansion Project	25	Announced	Other automobile ancillaries	Lumax Group
19	Mahindra & Mahindra Ltd.	Chakan Electric Vehicle Manufacturing Unit Project	500	Announced	Two & three wheelers	Mahindra & Mahindra Group
20	Mahindra & Mahindra Ltd.	Uttarakhand Automotive (Cars) Manufacturing Plant Project	250	Announced	Passenger vehicles	Mahindra & Mahindra Group
21	Mahindra Electric Mobility Ltd.	Devanahalli R&D Facility (for E-vehicles) Project	145	Announced	Two & three wheelers	Mahindra & Mahindra Group
22	Maxion Wheels Inc.	Khed Passenger Car Aluminium Wheel Manufacturing Plant Project	350	Under Implementation	Other automobile ancillaries	Private (Foreign)
23	Minda Industries Ltd.	Chakan Controller and Telematics Manufacturing Plant Project	80	Announced	Other automobile ancillaries	Minda S.L. Group
24	Minda Industries Ltd.	Gujarat Wheel & Tyre Assembly Plant Project	44	Announced	Other automobile ancillaries	Minda S.L. Group
25	Minda Industries Ltd.	Maharashtra Two Wheeler Alloy Wheel Manufacturing Plant Project (Phase 1)	300	Announced	Other automobile ancillaries	Minda S.L. Group
26	Minda Industries Ltd.	Maharashtra Two Wheeler Alloy Wheel Manufacturing Plant Project (Phase 2)	200	Announced	Other automobile ancillaries	Minda S.L. Group
27	Minda Industries Ltd.	Pune Sensors, Actuators & Controllers (SAC) Division Expansion Project	101	Announced	Other automobile ancillaries	Minda S.L. Group
28	Mindarika Pvt. Ltd.	Gujarat 4W Switch Capacity Expansion Project	41	Announced	Other automobile ancillaries	Minda S.L. Group
29	Nexteer Automotive India Pvt. Ltd.	Chennai Electronic Power Steering Production Plant Project	79	Announced	Other automobile ancillaries	Private (Indian)
30	Olectra Greentech Ltd.	Bidar Electric Buses Manufacturing Plant Project	600	Announced	Commercial vehicles	Private (Indian)
31	Omax Autos Ltd.	Rae Bareilly Long Member Industrial Manufacturing Unit Project	165	Announced	Other automobile ancillaries	Hero (Munjals) Group
32	Rajsriya Automotive Inds. Pvt. Ltd.	Mysuru Sheet Metal Pressed Components Plant Project	50	Announced	Other automobile ancillaries	Private (Indian)
33	Rane N S K Steering Ltd.	Ahmadabad Electric Power Steering Manufacturing Plant Expansion Project	25	Announced	Other automobile ancillaries	Rane Group
34	Rane T R W Steering LTD.	Ahmadabad Electric Power Steering Manufacturing Plant Project	35	Completed	Other automobile ancillaries	Rane Group

35	Sandhar Technologies Ltd.	Electric Three-Wheelers Manufacturing Facility Project	300	Announced	Two & three wheelers	Private (Indian)
36	T H K India Pvt. Ltd.	Sri City Special Economic Zone (Chittoor) Linear Motion Guides Manufacturing Plant Project	800	Announced	Other automobile ancillaries	Private (Foreign)
37	V E Commercial Vehicles Ltd.	Bhopal Truck Manufacturing Plant Project	400	Under Implementation	Commercial vehicles	Eicher Group
38	Balkrishna Industries Ltd.	Waluj Tyres Greenfield Manufacturing Plant Project	500	Announced	Tyres & tubes	Siyaram Poddar Group
39	Mahansaria Tyres Pvt. Ltd.	Panoli Tyres & Automobile Ancillary Items Manufacturing Plant Project	1060	Announced	Tyres & tubes	Private (Indian)
40	Maxxis Rubber India Pvt. Ltd.	Sanand GIDC Tyres Plant Project (Phase-II)	840	Announced	Tyres & tubes	Private (Indian)

### Consumer Durables

S.No	Company Name	Project Name	Cost (Rs.Cr.)	Project Status	Industry Group	Ownership Group
1	Anchor Electricals Pvt. Ltd.	SriCity Fans, Wiring Devices & Switchgear Manufacturing Unit Project	200	Announced	Other domestic appliances	Private (Foreign)
2	Intex Technologies (india) Ltd.	Greater Noida Consumer Durable Plant (Fourth Plant) Project	500	Under Implementation	Consumer electronics	Private (Indian)
3	Kent R O Systems Ltd.	Noida RO Purifiers Manufacturing Facility Project	200	Under Implementation	Other domestic appliances	Private (Indian)
4	Lemon Electronics Ltd.	Noida LED TV and Mobile Phones Manufacturing Facility Project	150	Announced	Consumer electronics	Private (Indian)
5	Micromax Informatics Ltd.	Consumer Durable (Washing Machines, Refrigerators, Air-coolers) Manufacturing Facility Project	200	Announced	Other domestic appliances	Private (Indian)
6	Preethi Kitchen Appliances Pvt. Ltd.	Thaiyur Mixer-Grinders Manufacturing Facility Project	50	Completed	Other domestic appliances	Philips (F) Group
7	Satkriti Infotainment Pvt. Ltd.	Greater Noida Audio Components Manufacturing Plant Project	208	Announced	Consumer electronics	Private (Indian)
8	Super Plastronics Pvt. Ltd.	Noida Television Models (Thomson Brand) Manufacturing Line Project	150	Under Implementation	Consumer electronics	Private (Indian)

### Defence & Aerospace

S. No	Company Name	Project Name	Cost (Rs.Cr.)	Project Status	Industry Group	Ownership Group
1	Bharat Electronics Ltd.	Butibori (Nagpur) Fuses For Armaments Manufacturing Plant Project	200	Announced	Miscellaneous manufactured articles	Central Govt. - Commercial Enterprises
2	Government Of Uttar Pradesh	Uttar Pradesh Centre of Excellence for Defence Corridor Project	365	Announced	Miscellaneous manufactured articles	State Government
3	Grob Aircraft S E	Gudipalli (Anantapur) Aircraft Parts Manufacturing Plant Project	300	Announced	Other transport equipment & ancillaries	Private (Foreign)
4	Hindustan Aeronautics Ltd.	Bangalore Aero Engine Research & Development Center Project	140	Announced	Engines	Central Govt. - Commercial Enterprises
5	Izmo Ltd.	Goa Ammunition Manufacturing Plant Project	30	Announced	Miscellaneous manufactured articles	Private (Indian)
6	Izmo Ltd.	Goa Light & Heavy Machine Guns Manufacturing Plant Project	10	Announced	Miscellaneous manufactured articles	Private (Indian)
7	Jaivel Aerospace Pvt. Ltd.	Sanand Integrated Aerospace Manufacturing Facility Project (Phase 2 & 3)	83	Announced	Other transport equipment & ancillaries	Private (Indian)
8	Tata Technologies Ltd.	Amravati Aerospace & Defence Skill Development Centre Project	30	Announced	Miscellaneous manufactured articles	Tata Group
9	Tata Technologies Ltd.	Nagpur Aerospace & Defence Skill Centre Project	30	Announced	Miscellaneous manufactured articles	Tata Group

### Dies & Moulds

S.No	Company Name	Project Name	Cost (Rs.Cr.)	Project Status	Industry Group	Ownership Group
1	Bharat Forge Ltd.	Baramati Forging & Machining Plant Capacity Expansion Project	400	Under Implementation	Castings & forgings	Kalyani (Bharat Forge) Group
2	Brakes India Pvt. Ltd.	Naidupeta Castings Factory Expansion Project	100	Announced	Castings & forgings	T.V.S. Iyengar Group
3	Government Of Punjab	Phagwara CFC (Foundry Unit) Project	15	Announced	Castings & forgings	State Government
4	Omax Autos Ltd.	Uttar Pradesh Steel Products & Equipments (For Railway) Capacity Expansion Project	120	Announced	Castings & forgings	Hero (Munjals) Group
5	Tirupati Forge Ltd.	Machining & Forging Capacity Expansion Project	5	Announced	Castings & forgings	Private (Indian)
6	Universal Autofoundry Ltd.	Reengus Foundry Plant Unit-2 Project	40	Under Implementation	Castings & forgings	Private (Indian)



### General Engineering

S.No	Company Name	Project Name	Cost (Rs.Cr.)	Project Status	Industry Group	Ownership Group
1	Adam Fabriwerk Pvt. Ltd.	MIDC Nashik Pharmaceutical Machinery Plant Expansion Project	17	Under Implementation	Industrial machinery	Private (Indian)
2	Government Of Punjab	Ludhiana CFC (oil expellers) Facility Project	15	Under Implementation	General purpose machinery	State Government
3	Grundfos Pumps India Pvt. Ltd.	Pumps Manufacturing Plant (3rd plant ) Project	125	Announced	General purpose machinery	Private (Foreign)
4	International Tractors Ltd.	NCR (Noida) R&D Facility Project	200	Announced	Agricultural machinery	Private (Indian)
5	Kisankraft Ltd.	Nellore Agriculture Equipment Manufacturing Unit Project	75	Announced	Agricultural machinery	Private (Indian)
6	Kubota Corpn.	Faridabad Tractors Manufacturing Facility Project	300	Announced	Agricultural machinery	Private (Indian)
7	Nitiraj Engineers Ltd.	Avdhan (Dhule) Weighing Machine Manufacturing Facility Project	15	Under Implementation	Industrial machinery	Private (Indian)
8	Plasser (india) Pvt. Ltd.	Vadodara Railway Machinery (Second) Manufacturing Plant Project	400	Under Implementation	Diversified machinery	Private (Indian)
9	Schaeffler India Ltd.	Savli (Vadodara) Second Bearings Plant Project	510	Announced	General purpose machinery	Schaeffler (F) Group (FAG)
10	Tamil Nadu Newsprint & Papers Ltd.	Mondipatti Roll Grinding Machine Facility Project	35	Completed	Machine tools	State Govt. - Commercial Enterprises
11	Tractors & Farm Equipment Ltd.	Bhopal & Doddaballapur Tractors Manufacturing Facility Expansion Project	250	Announced	Agricultural machinery	Amalgamation Group

### Mobile Handsets

S.No	Company Name	Project Name	Cost (Rs.Cr.)	Project Status	Industry Group	Ownership Group
1	Forme Trading Pvt. Ltd.	Greater Noida (IITGN) Mobile Phone Manufacturing Project	100	Announced	Consumer electronics	Private (Indian)
2	Lenovo (india) Pvt. Ltd.	Sunguvarchatram (Chennai) Mobile Phones and Components Plant Project	500	Announced	Consumer electronics	Private (Indian)
3	Star G S M Cellular India Pvt. Ltd.	Odisha Mobile Manufacturing Unit Project	75	Announced	Consumer electronics	Private (Indian)
4	Wistron Information Technology & Services Corpn.	Bengaluru Mobile Manufacturing Plant Project	3000	Announced	Consumer electronics	Private (Foreign)



Railways						
S.No	Company Name	Project Name	Cost (Rs.Cr.)	Project Status	Industry Group	Ownership Group
1	Indian Railways	Latur (Maharashtra) Rail Coach Manufacturing Factory Project (Phase 1)	500	Under Implementation	Other transport equipment & ancillaries	Central Govt. - Commercial Enterprises
2	Indian Railways	Latur (Maharashtra) Rail Coach Manufacturing Factory Project (Phase 2)	1000	Under Implementation	Other transport equipment & ancillaries	Central Govt. - Commercial Enterprises
3	Maharashtra Metro Rail Corpn. Ltd.	Butibori (Nagpur) Rolling Stock Manufacturing Unit Project	300	Announced	Other transport equipment & ancillaries	Private (Indian)
4	Bangalore Metro Rail Corpn. Ltd.	Bangalore Metro Rail Phase 3 (Namma Metro) Project	15825	Announced	Railway transport infrastructure services	State Govt. - Commercial Enterprises
5	Central Organisation For Railway Electrification	Adipur-New Bhuj Railway Electrification Project	48	Announced	Railway transport infrastructure services	Central Government
6	Central Organisation For Railway Electrification	Aluabari-Siliguri via Bagdogra Rail Electrification Project	60	Announced	Railway transport infrastructure services	Central Government
7	Central Organisation For Railway Electrification	Anand-Khambhat Railway Electrification Project	48	Announced	Railway transport infrastructure services	Central Government
8	Central Organisation For Railway Electrification	Ankleshwar-Rajpipla Railway Electrification Project	59	Announced	Railway transport infrastructure services	Central Government
9	Central Organisation For Railway Electrification	Badarpur-Silchar (including Arunachal-Jiribam, Katakhal-Bhairabi) & Badarpur-Karimganj-Agartala-Sabroom Rail Electrification Project	494	Announced	Railway transport infrastructure services	Central Government
10	Central Organisation For Railway Electrification	Chaparmukh-Silghat Town (including Senchoa-Mairabari) Rail Electrification Project	109	Announced	Railway transport infrastructure services	Central Government
11	Central Organisation For Railway Electrification	Dhola-Bhavnagar with Sihor-Palitana & Rajula Road-Mahuva Rail Electrification Project	122	Announced	Railway transport infrastructure services	Central Government
12	Central Organisation For Railway Electrification	Harmuti-Murkongselek (including Branch Line) Rail Electrification Project	238	Announced	Railway transport infrastructure services	Central Government
13	Central Organisation For Railway Electrification	Jhund-Kharaghoda Railway Electrification Project	23	Announced	Railway transport infrastructure services	Central Government



14	Central Organisation For Railway Electrification	Kanalus-Vansjaliya-Porbandar Rail Electrification Project	97	Announced	Railway transport infrastructure services	Central Government
15	Central Organisation For Railway Electrification	Kanjari Boriyavi-Vadtal Railway Electrification Project	6	Announced	Railway transport infrastructure services	Central Government
16	Central Organisation For Railway Electrification	Katihar-Jogbani Rail Electrification Project	110	Announced	Railway transport infrastructure services	Central Government
17	Central Organisation For Railway Electrification	Katihar-Tejnarayanpur, Barsoi-Radhikapur & Eklakhi-Balurghat Rail Electrification Project	155	Announced	Railway transport infrastructure services	Central Government
18	Central Organisation For Railway Electrification	Katwa-Ahmedpur Rail Line Electrification Project	54	Under Implementation	Railway transport infrastructure services	Central Government
19	Central Organisation For Railway Electrification	Lumding-Badarpur Rail Electrification Project	189	Announced	Railway transport infrastructure services	Central Government
20	Central Organisation For Railway Electrification	Mariani-Jorhat Town-Furkating & Tinsukia-Makum-Tirap and Makum-Dangri Rail Electrification Project	184	Announced	Railway transport infrastructure services	Central Government
21	Central Organisation For Railway Electrification	Mehsana-Patan-Bhildi Railway Electrification Project	96	Announced	Railway transport infrastructure services	Central Government
22	Central Organisation For Railway Electrification	Muzaffarpur-Sitamarhi Rail Line Electrification Project	71	Under Implementation	Railway transport infrastructure services	Central Government
23	Central Organisation For Railway Electrification	Nadiad-Modasa Railway Electrification Project	99	Announced	Railway transport infrastructure services	Central Government
24	Central Organisation For Railway Electrification	New Jalpaiguri-New Mal-Alipurduar-Samuktala & Alipurduar-New Coochbehar Rail Electrification Project	475	Announced	Railway transport infrastructure services	Central Government
25	Central Organisation For Railway Electrification	Rajkot-Jetalsar-Verval-Somnath with Jetalsar-Vansjaliya Rail Electrification Project	224	Announced	Railway transport infrastructure services	Central Government
26	Central Organisation For Railway Electrification	Rangiya-Rangapara-Harmuti-Naharlagun (including Branch Line) Rail Electrification Project	311	Announced	Railway transport infrastructure services	Central Government
27	Central Organisation	Raninagar-Haldibari Rail Electrification Project	28	Announced	Railway transport Serv.	Central Government

28	Central Organisation For Railway Electrification	Sadulpur-Ratangarh-Bikaner-Lalgarh including Ratangarh-Sardarshahar Railway Electrification Project	235	Under Implementation	Railway transport infrastructure services	Central Government
29	Central Organisation For Railway Electrification	Shahjahanpur-Pilibhit & Pilibhit-Tanakpur Rail Line Electrification Project	143	Under Implementation	Railway transport infrastructure services	Central Government
30	Central Organisation For Railway Electrification	Udaipur City-Himmatnagar Rail Electrification Project	194	Announced	Railway transport infrastructure services	Central Government
31	Central Organisation For Railway Electrification	Vasad-Kathana Railway Electrification Project	40	Announced	Railway transport infrastructure services	Central Government
32	Central Organisation For Railway Electrification	Vishvamitri-Pratap Nagar-Chhota Udepur Rail Electrification Project	96	Announced	Railway transport infrastructure services	Central Government
33	Central Railways	Igatpuri-Manmad Third Rail Line Project	1860	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
34	Central Railways	Pune Railway Station Redevelopment Project	50	Announced	Railway transport services	Central Govt. - Departmental Undertaking
35	East Central Railway	Darbhanga-Shisho Halt & Kakarghati (Excluding Darbhanga Yard) Bypass Rail Line Doubling Project	131	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
36	East Central Railway	Patna Railway Station Redevelopment Project	20	Announced	Railway transport services	Central Govt. - Departmental Undertaking
37	East Central Railway	Saharsa Railway Station Upgradation Project	11	Under Implementation	Railway transport services	Central Govt. - Departmental Undertaking
38	East Coast Railway	Therubali-Singapur Road Railway Bridge Project	25	Completed	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
39	Haryana Rail Infrastructure Devp. Corpn. Ltd.	Kurukshetra-Narwana Elevated Railway Track Project	225	Announced	Railway transport infrastructure services	State Govt. - Commercial Enterprises
40	Haryana Rail Infrastructure Devp. Corpn. Ltd.	Panipat-Asaoti New Rail Line (NL) Project	3000	Announced	Railway transport infrastructure services	State Govt. - Commercial Enterprises
41	Indian Railways	Amb Andaura Railway Station Second Platform & FOB Project	1	Announced	Railway transport services	Central Govt. - Commercial Enterprises

42	Indian Railways	Amlohri-Jayant New Railway Line Project	650	Announced	Railway transport infrastructure services	Central Govt. - Commercial Enterprises
43	Indian Railways	Bhavnagar Railway Station Redevelopment Project	7	Announced	Railway transport services	Central Govt. - Commercial Enterprises
44	Indian Railways	Dehradun Railway Station Redevelopment Project	122	Announced	Railway transport services	Central Govt. - Commercial Enterprises
45	Indian Railways	New Railway Bridge over Yamuna (near Nizamuddin Rail Bridge) Project	425	Announced	Railway transport infrastructure services	Central Govt. - Commercial Enterprises
46	Indian Railways	Una Railway Station Second Platform & FOB Project	6	Announced	Railway transport services	Central Govt. - Commercial Enterprises
47	Ministry Of Railways	Chengannur Railway Station Redevelopment Project	100	Announced	Railway transport services	Central Government
48	Ministry Of Railways	Multi-Location Railway Stations Upgradation (MUTP-III) Project	946	Announced	Railway transport services	Central Government
49	Mumbai Metropolitan Region Devp. Authority	Gaimukh-Shivaji Chowk (Mira Road) Metro Rail Line Project	4476	Announced	Railway transport infrastructure services	State Govt. - Statutory Bodies
50	North Central Railway	Agra Fort-Bandikui Rail Line Doubling Project	1389	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
51	North Central Railway	Aligarh-Daud Khan Third Rail Line & Daud Khan Flyover Project	448	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
52	North Central Railway	Allahabad-Bamhraulii Fourth Rail Line with flyover at Subedarganj Project	493	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
53	North Central Railway	Dailwara-Barari Chord Line Doubling Project	50	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
54	North Central Railway	Dholpur-Jhansi-Bina Fourth Rail Line Project	4870	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
55	North Central Railway	Mathura-Dholpur Fourth Rail Line Project	2946	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
56	North Central Railway	Rooma-Chakeri-Chandari Third Rail Line Doubling project	177	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking

57	Northeast Frontier Railways	Alipurduar Junction Railway Station Redevelopment Project	15	Announced	Railway transport services	Central Govt. - Commercial Enterprises
58	Northeast Frontier Railways	Guwahati Railway Station Redevelopment Project	15	Under Implementation	Railway transport services	Central Govt. - Commercial Enterprises
59	Northeast Frontier Railways	Siliguri Junction Railway Station Redevelopment Project	15	Announced	Railway transport services	Central Govt. - Commercial Enterprises
60	Northern Railways	Alamnagar Railway Station Development Project	96	Under Implementation	Railway transport services	Central Govt. - Commercial Enterprises
61	Northern Railways	Amritsar-Chheharta Rail Line Doubling (DL) Project	29	Under Implementation	Railway transport infrastructure services	Central Govt. - Commercial Enterprises
62	Northern Railways	Phaphamau-Unchahar via Kunda Harnamganj Rail Line Doubling (DL) Project	1600	Under Implementation	Railway transport infrastructure services	Central Govt. - Commercial Enterprises
63	Research Designs & Standards Organisation	Jaipur-Phulera Dedicated Testing Track Project	400	Announced	Railway transport infrastructure services	Central Government
64	Rites Ltd.	Ayodhya Railway Station Redevelopment Project	107	Under Implementation	Railway transport services	Central Govt. - Commercial Enterprises
65	South Central Railways	Gadwal-Raichur Rail Line Electrification Project	46	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
66	South Central Railways	Lingampet-Jagityal-Nizamabad Rail Line Electrification Project	80	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
67	South Central Railways	Nandyal-Yerraguntla Rail Line Electrification Project	111	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
68	South Central Railways	Narsapuram-Machilipatnam New Broad Gauge Railway Line Project	1541	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
69	South Central Railways	Pimpalkutti-Mudkhed and Parbhani-Parli Vajinath Rail Line Electrification Project	224	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
70	South Central Railways	Purna-Akola Rail Line Electrification Project	212	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
71	South Central Railways	Tenali-Repalle Rail Line Electrification Project	26	Under Implementation	Railway transport Srvc.	Central Govt. - Departmental Undertaking



72	South Central Railways	Vikarabad-Parli Vajinath Rail Line Electrification Project	262	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
73	South Eastern Railways	Chandil-Anara-Burnpur 3rd Line with Additional Loop Lines at Nimdih, Urma, Tamna, Charra & Bagalia Project	1647	Under Implementation	Railway transport infrastructure services	Central Govt. - Commercial Enterprises
74	South Eastern Railways	Lodhma-Piska Doubling Link Line Bypassing Hatia (Ranchi) with Y connection Project	429	Under Implementation	Railway transport infrastructure services	Central Govt. - Commercial Enterprises
75	South Eastern Railways	Purulia-Kotshila Rail Line Doubling Project	338	Under Implementation	Railway transport infrastructure services	Central Govt. - Commercial Enterprises
76	South Eastern Railways	Talgaria-Bokaro-North Cabin Doubling Rail Line with Two Loops at Chas & Ispatnagar Project	390	Under Implementation	Railway transport infrastructure services	Central Govt. - Commercial Enterprises
77	South Western Railway	Dharwad Railway Station Redevelopment Project	40	Under Implementation	Railway transport services	Central Govt. - Departmental Undertaking
78	South Western Railway	Naganahalli Satellite Railway Terminal Project	789	Under Implementation	Railway transport services	Central Govt. - Departmental Undertaking
79	South Western Railway	Penukonda-Dharmavaram, excl. Dharmavaram Rail Line Doubling project	295	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
80	South Western Railway	Yeshwanthpura-Channasandra Rail Line Doubling Project	314	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
81	Southeast Central Railway	Chirimiri-Nagpur Halt New Rail Line Project	241	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
82	Southern Railways	Madurai-Rameswaram Railway Electrification Project	158	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
83	Southern Railways	Rameshwaram-Dhanushkodi New Broad Gauge Rail Line Project	208	Announced	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
84	Western Railways	Kevadiya New Railway Station Project	20	Under Implementation	Railway transport services	Central Govt. - Departmental Undertaking
85	Western Railways	Mehsana-Palanpur Rail Line Doubling Project	529	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking

86	Western Railways	Neemuch-Ratlam Rail Line Doubling Project	950	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking
87	Western Railways	Rajkot-Kanals Rail Line Doubling Project	1012	Under Implementation	Railway transport infrastructure services	Central Govt. - Departmental Undertaking



## List of Metal Cutting Machine Tools manufacturers (IMTMA Members) in India

Laser machines/Ultrasonic Machines/EDMs/ECMs							
(HS Code : 8456 )	Machine Tools for working any material by removal of material						
Company	Laser M/Cs (operated by Laser or other Light or Photon Beam Processes)	Ultrasonic M/cs (operated by Ultrasonic Processes)	EDMs (operated by Electro-Discharge Process)	EDMs, NC	Electro Chemical M/Cs	Electron beam, Ionic-beam or Plasma arc processes	Waterjet Cutting Machines
A Innovative International Ltd.	•					•	•
Agile Machineries Pvt Ltd	•						
Ashok Manufacturing Co. Pvt. Ltd.	•						
Concord United Products Pvt.Ltd			•	•			
Cosmos Impex (India) Pvt. Ltd.			•	•			
DMG MORI India Private Limited		•					
Drupe Engineerign Pvt.Ltd.	•						
Electronica Hitech Machines Pvt. Ltd.			•				
Electroinca India Limited			•	•			
FANUC India Pvt.Ltd			•				
Felsomat India Pvt. Ltd.	•						
Fluro Engineering Pvt. Ltd.	•						
JK Machines	•						
Lakshmi Ring Travellers (Coimbatore) Ltd.	•						
Laser Automation Pvt.Ltd.	•						
Makino India Pvt Ltd			•				

Messer Cutting Systems India Pvt. Ltd.	•						
Nickunj Eximp Entp.P.Ltd			•				
Orbital Systems (Bombay) Pvt. Ltd.	•						
Production Aids & Consultants (P) Ltd.	•						
Proteck Machinery Pvt Ltd	•						
Rantaparkhi Electronics Industries Pvt Ltd			•	•			
Sahajanand Laser Technology Ltd	•						
Sparkonix (India) Pvt. Ltd.			•	•			
Sur Hennig Pvt.Ltd	•						
Suresh Indu Lasers Pvt Ltd	•						
Toolcraft Systems Pvt.Ltd			•				
Trumpf (India) Pvt Ltd	•						

<b>Machining Centres - Hoizontal, Vertical and others (HS Code: 8457)</b>			
<b>Company</b>	<b>Horizontal</b>	<b>Vertical</b>	<b>Others</b>
Ace Manufacturing Systems Ltd.	•	•	•
Askar Microns (P) Ltd		•	
Batliboi Ltd.	•	•	•
Bharat Fritz Werner Ltd.	•	•	•
Cosmos Impex (India) Pvt. Ltd.		•	•
Electroinca India Limited		•	
FANUC India Pvt.Ltd.		•	
Geetha Machine Tools			•
Galaxy Machinery Pvt. Ltd.		•	•
Grind Master Machines Pvt. Ltd.			•
HMT Machine Tools Ltd.	•	•	•
Jyoti CNC Automation Ltd	•	•	•





Lakshmi Machine Works Ltd.	•	•	•
Lokesh Machines Ltd.	•	•	•
Macpower CNC Machines Ltd	•	•	•
MAG India Industrial Automation Systems Pvt. LTD.	•	•	
MTAB Engineers (P) Limited	•	•	•
Multi Axis CNC			•
Makino India Pvt Ltd		•	
Premier Ltd.	•	•	
Production Aids & Consultants (P) Ltd.		•	
PSG Industry Institute		•	
S&T Machinery Pvt.Ltd.		•	
Sharpline Automation Pvt.Ltd	•	•	
SPM Tools		•	
Starrag India Private limited			•
TAL Manufacturing Solutions Ltd.	•	•	
Tsugami Precision Engineering India Pvt Ltd			•
Vigel Manufacturing Technologies (P) Ltd	•	•	

#### Lathes (including Turning Centres) (HS Code: 8458)

Company	Lathes, CNC	Auto mats, Single Spindle, Hor, Bar, Sliding, Head Type (Swiss Type)	Auto mats, Single Spindle, Hor, Chucking	Auto mats, Multi-Spindle, Bar	Lathes, Capstan	Lathes, Others	Centre Lathes	Centre Lathes, Tool Room Type	Auto mats, Single Spindle, Har, Bar, Excl. Sliding Head Type	Lathes, Capstan & Turret Combination
Abhijat Equipments Pvt. Ltd.	•	•	•		•	•				•
Ace Designers Ltd.	•									
Askar Microns(P) Ltd	•									
Atul Machine Tools						•				
Batliboi Ltd.	•					•				
Bharat Fritz Werner Ltd.	•					•				
Bombay Machines	•									
Cosmos Impex (India) Pvt. Ltd.						•				

Electronica Hitech Machine Tools Private Limited	•									
Galaxy Machinery Pvt Ltd	•									
Gedee Weiler Pvt. Ltd.	•					•	•			
Gujarat Lathe Manufacturing Co. Pvt. Ltd.	•	•	•			•	•	•		
Heavy Engineering Corporation Ltd.	•					•	•			
HMT Machine Tools Ltd.	•	•	•	•	•	•	•	•	•	•
Jinagoudra Machine Tools Pvt Ltd	•									
JYOTI CNC AUTOMATION LTD	•									
Kennametal India Ltd.						•				
Lakshmi Machine Works Ltd.	•					•				
Macpower CNC Machines Ltd	•									
Marshall Machines (P) Ltd.	•									
Meiban Engineering Technologies Pvt. Ltd.	•									
Miven Machine Tools Ltd.	•									
MTAB Engineers (P) Limited	•									
Pathak Machine Tools Pvt. Ltd.	•						•			
PMT Machines Ltd.	•	•								
Precitec Precision Machineries Pvt. Ltd.	•			•						
Production Aids & Consultanta (P) Ltd.	•									
Premier Ltd.	•									
Pride Machine Tools Pvt. Ltd.	•									
Production Aids & Consultants (P) Ltd.	•									
Proteck Machinery Pvt Ltd	•					•				
PSG Industrial Institute	•						•	•		
Qua-tech Industries					•					•
S&T Mschinery Pvt.Ltd.	•									
S. B. Reshellers Pvt. Ltd. Unit - III	•					•				
SPM Tools	•									
SriYantra Engineers (P) Ltd	•									
TAL Manufacturing Solutions Ltd.	•									
Tasa Micro SPM Private Limited	•									
Tekcel Automation Pvt.Ltd.	•									
Trishul Machine Tools Pvt Ltd						•				
Tsugami Precision Engineering India Pvt Ltd	•									





## Milling Machines (HS Code: 8459)

Company	Milling M/cs, Knee Type, Hor	Milling M/Cs, Knee Type, Vert	Milling M/Cs, Plan o Milling, NC	Milling M/Cs, Plan o Milling, Single Column	Milling M/Cs, CNC, Others	Milling M/Cs, Bed Type, Hor	Milling M/Cs, Others	Milling M/Cs, Knee Type Universal	Milling M/Cs, Knee Type, Ram	Milling M/Cs, Knee Type, Hor, NC	Milling M/Cs, Knee Type, Vert, NC	Milling M/Cs, Knee Type, Die Sinking
Batliboi Ltd.	•	•			•		•					
Bhambar Engineers (Regd.)		•			•		•	•	•		•	
Bharat Fritz Werner Ltd.	•	•			•	•	•	•				
Geeta Machine Tools Pvt. Ltd.	•	•				•	•	•			•	
Heavy Engineering Corporation Ltd	•		•	•								
HMT Machine Tools Ltd.	•	•	•		•	•	•	•		•	•	
MTAB Engineers (P) Limited							•			•		
Multi Axis CNC				•	•							
Pathak Machine Tools Pvt. Ltd.							•					
Precitech Precision Machines Pvt. Ltd			•			•	•					
Production Aids & Consultanta (P) Ltd.							•					
R. S. Hydraulics							•					
Square Engineering Works							•					
Sunita Engineering Corporation							•					
TAL Manufacturing Solutions Ltd.					•							
Toolcraft Systems Pvt. Ltd.							•					
Wendt (India) Ltd.					•							



Grinding Machines (HS Code: 8460)							
Company	Grinding M/Cs, Surface, NC	Grinding M/Cs, Surface, Rotary (Table)	Grinding M/Cs, Surface, Reciprocating Table	Grinding M/Cs, Surface, Others	Grinding M/Cs, Cylindrical, External, NC	Grinding M/Cs, Cylindrical, Plain & Universal	Grinding M/Cs, Double Disc Universal
HMT Machine Tools Ltd.	•	•	•	•	•	•	
Kareyn Precision Machines Pvt. Ltd						•	
Maxpreci Machines Pvt. Ltd.	•			•			
Micromatic Grinding Technologies Ltd					•	•	
Pathak Machine Tools Pvt. Ltd.	•	•		•		•	
Pinnacle Engineering Enterprise	•	•	•	•			
PMT Machines Ltd.	•				•	•	
Precision Machine Tool	•					•	
Prem Brothers				•			
S&T Machinery Pvt.Ltd.					•		
Sharda Mechanic Works Pvt. Ltd.					•	•	
SRB Machines Pvt. Ltd.					•	•	
Wendt (India) Ltd.		•					

Grinding Machines (Contd...)							
Company	Grinding M/Cs, Internal	Grinding M/Cs, Centreless, NC	Grinding M/Cs, Centreless	Grinding M/Cs, Roll	Grinding M/Cs, Crankshaft	Grinding M/Cs, Camshaft	Grinding M/Cs, Journal
Abhijat Equipments Pvt. Ltd.			•				
Acumac Machine Tools Pvt Ltd.	•						
MTAB Engineers (P) Limited	•	•					
Pathak Machine Tools Pvt. Ltd.					•		
Pinnacle Engineering Enterprise	•						
PMT Machines Ltd.	•						
Precision Machine Tool	•	•					

Sharda Mechanic Works Pvt. Ltd.	•						
Solitaire Machine Tools Ltd.		•	•				
SRB Machines Pvt. Ltd.	•				•		

Grinding Machines (Contd...)						
Company	Grinding M/Cs, Valve Seat	Grinding M/Cs, Bench, Floor Stand & Snag	Grinding M/Cs, Swing Frame	Grinding M/Cs, Double Disc	Grinding M/Cs, NC, Others	Grinding M/Cs, Others
Acumac Machine Tools Pvt Ltd.						•
Alex Machine Tools Pvt Ltd				•	•	•
Champak Machine Tools						•
Chanan Engineers						•
Das Precision Machine Tools Pvt Ltd				•		
Felsomat India Pvt. Ltd.						•
Grind Master Machines Pvt. Ltd.						•
HMT Machine Tools Ltd.	•			•	•	•
Micromatic Grinding Technologies Ltd	•				•	•
Pathak Machine Tools Pvt. Ltd.		•				•
PMT Machines Ltd.					•	•
Precision Machine Tools						•
Prem Brothers		•				•
Qua-Tech Industries						•
Sharda Mechanic Works Pvt. Ltd.						•
Solitaire Machine Tools Ltd.				•		
SRB Machines Pvt. Ltd.	•					•
Tsugami Machine Tools						•
Wendt (India) Ltd.					•	•

**Gear Cutting, Gear Grinding or Gear Finishing Machines (HS Code: 84614)**

<b>Company</b>	<b>Gear Cutting &amp; Finishing M/cs, NC</b>	<b>Gear Shaving M/Cs</b>	<b>Gear Tooth Rounding, Chamfering or Deburring M/cs</b>	<b>Gear Shaping M/Cs, Spur &amp; Helical</b>	<b>Gear Hobbing M/Cs, Spur &amp; Helical</b>	<b>Gear Grinding M/Cs, Single or Double Wheel, Disc Type</b>	<b>Gear Grinding M/Cs, Formed Wheel</b>
Felsomat India Pvt. Ltd.	•				•		
Grind Master Machines Pvt.Ltd.			•				
HMT Machine Tools Ltd.	•			•	•		
Liebherr Machine Tools India Pvt Ltd	•				•	•	•
Prem Brothers					•		
Premier Ltd.	•	•	•	•	•		
Qua-Tech Industries					•		
Ravjeet Engineering Specialities Pvt Ltd			•				
Tasa Micro SPM (P) Ltd			•				
UCAM Private Limited					•		

## References

- <http://www.mospi.nic.in/>
- <https://dea.gov.in/monthly-economic-report-table>
- <http://dhi.nic.in/>
- <http://www.ibef.org/>
- <https://www.oxfordeconomics.com/>
- <http://dgciskol.gov.in/>
- <https://www.imf.org/external/datamapper/index.php>
- <http://www.feedbackconsulting.com/>
- <https://www.gardnerintelligence.com/report/world-machine-tool>





## About IMTMA

Constituted in 1946, Indian Machine Tool Manufacturers' Association (IMTMA) is a single point of contact for machine tool industry in India. IMTMA has a membership of about 460 companies from both the public and private sectors, manufacturing a wide range of metal-cutting and metal-forming machines, accessories, cutting tools and other allied equipment. IMTMA is proactive in taking new initiatives to promote advancement of the metal working industry in India. The association has over the years deeply committed itself to focus on issues of productivity, quality, technology, new product development, design, customer satisfaction, etc. for enhancing competitiveness of the industry in both domestic and overseas markets. IMTMA organises the prestigious IMTEX and Tooltech exhibition, where both Indian and overseas manufacturers showcase their metalworking machines, equipment and tools.



**Indian Machine Tool  
Manufacturers' Association**

[www.imtma.in](http://www.imtma.in)

**Head Office**

**@ Bangalore International Exhibition Centre (BIEC)**

10th Mile, Tumkur Road, Madavara Post, Bangalore - 562 123

Tel: +91 80 6624 6600 | Fax: +91 80 6624 6661

E mail : [imtma@imtma.in](mailto:imtma@imtma.in)

**Regional Office (North)**

Plot No. 249F, Phase IV, Udyog Vihar, Sector 18, Gurugram - 122 015

Tel: +91 124 4014 101 | Fax: +91 124 4014 108

E mail : [imtma.ggn@imtma.in](mailto:imtma.ggn@imtma.in)

**Regional Office (West)**

12/5, D-1 Block, MIDC, Chinchwad, Pune - 411 019

Tel: +91 7066030531 / 532

E mail : [imtma.pune@imtma.in](mailto:imtma.pune@imtma.in)