



Overview of China's Fastener Machinery Market

by Sharareh Shahidi Hamedani

Notes:

This article is focused on products within HS code 8462 machine tools, including, presses, for working metal by forging, hammering or die-stamping; machine tools, incl. presses, for working metal by bending, folding, straightening, flattening, shearing, punching or notching; presses for working metal or metal carbides.

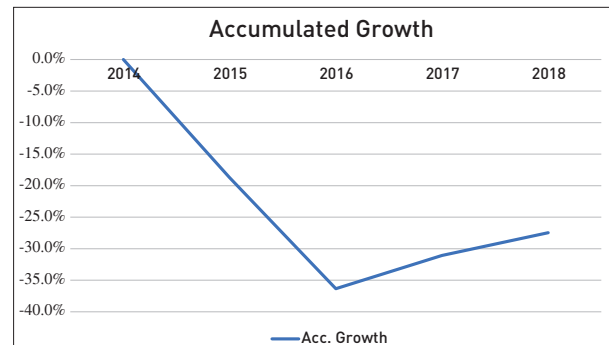
The base year for analyzing is 2014.

*** All values are in thousand USD.**

Machines Imported to China

The machine market of China is a notable market for machine exporters. Its value is about 1.33 billion USD. Although this market became 36.3% smaller from 2014 to 2016, it recovered around 9% from 2016 to 2018.

Export to China	2014	2015	2016	2017	2018
World (in 1,000 USD)	1,701,992	1,433,406	1,218,896	1,286,676	1,334,881
Growth Percentage	-----	-18.7%	-17.6%	5.3%	3.6%
Accumulated Growth	-----	-18.7%	-36.3%	-31.1%	-27.5%



The 3 main exporters to China are listed below:

- Japan was a leading exporter for 3 years (2015: 309.9 million USD; 2017: 311.2 million USD; 2018: 303.7 million USD).
- Germany was a leader in 2014 with 354.5 million USD.
- South Korea was a leader in 2016 with 255.7 million USD.

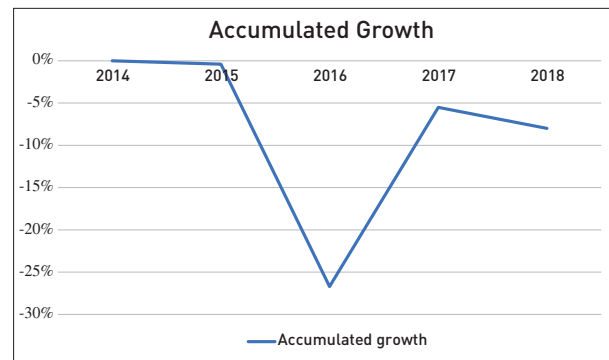
Taiwan and Italy are respectively ranked in the 4th and the 5th places during these years.

The details of machine exporters are illustrated below:

Japan

- Japan recorded the highest number in 2017 (with 311.2 million USD worth of machines export to China).
- It could satisfy 24.2% of the total required machines of China in 2017.
- However, it lost about 1.4% of its market share in 2018 in comparison with 2017, but still remained as the leader in export in 2018.
- The lowest market share of Japan in China was recorded in 2014 at 18.3%.

Export to China	2014	2015	2016	2017	2018
Japan (in 1,000 USD)	311,068	309,950	245,386	311,203	303,686
Market Share	18.3%	21.6%	20.1%	24.2%	22.8%
Growth Percentage	-----	-0.4%	-26.3%	21.1%	-2.5%
Accumulated Growth	-----	-0.4%	-26.7%	-5.5%	-8.0%

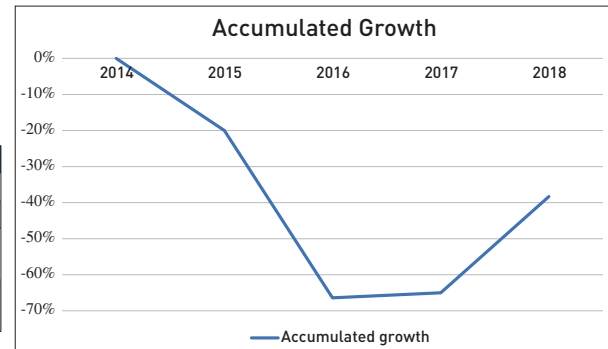




Germany

- Germany recorded the highest number (354.5 million USD) in 2014 in terms of value and this number is also the highest exported machine value that a country sent to the Chinese market.
- In terms of market share, the highest number of Germany was recorded in 2018 with 20.9% of the market share in China.
- Germany showed a sharp growth (26.7%) in 2018, in comparison with 2017.
- And, the worst number was recorded in 2016, showing a decrease of 46.5% in its export value in comparison with 2015.
- The lowest market share of Germany in China was 15.9% recorded in 2017.

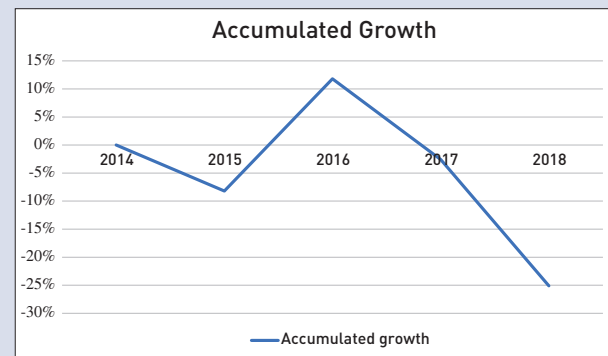
Export to China	2014	2015	2016	2017	2018
Germany	354,513	295,469	201,733	204,628	279,189
Market Share	20.8%	20.6%	16.6%	15.9%	20.9%
Growth Percentage	-----	-20.0%	-46.5%	1.4%	26.7%
Accumulated Growth	-----	-20.0%	-66.4%	-65.0%	-38.3%



South Korea

- South Korea recorded the highest number (255.7 million USD) in 2016 in terms of value.
- In terms of market share, the highest number of South Korea was recorded in 2016 with 21.0% of its market share in China.
- South Korea showed a sharp drop in 2018 and lost 22.5% of its export value in comparison with 2017.
- The lowest market share of South Korea in China was recorded in 2014 at 13.0%.

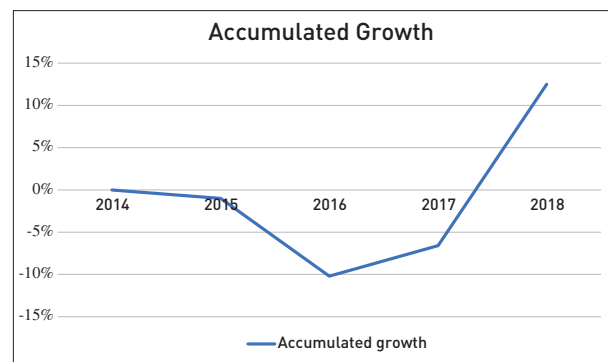
Export to China	2014	2015	2016	2017	2018
South Korea	221,247	204,392	255,681	223,452	182,470
Market Share	13.0%	14.3%	21.0%	17.4%	13.7%
Growth Percentage	-----	-8.2%	20.1%	-14.4%	-22.5%
Accumulated Growth	-----	-8.2%	11.8%	-2.6%	-25.1%



Machine Exported from China

China is also one of the biggest machine exporters and its export value per year is more than 1.06 billion USD. Although its export value decreased between 2015 to 2016, it could recover from 2017 to 2018. It showed a sharp growth (19.1%) in 2018, which has been recorded as the most valuable year since 2014.

Export from China	2014	2015	2016	2017	2018
World	913,910	904,444	828,322	859,716	1,062,220
Growth Percentage	-----	-1.0%	-9.2%	3.7%	19.1%
Accumulated Growth	-----	-1.0%	-10.2%	-6.6%	12.5%



The 3 main markets for Chinese machine export are listed below:

- India was a leading importer for 2 years (2018: 118.7 million USD; 2014: 73.7 million USD).
- USA was a leading importer for 2 years (2017: 87.5 million USD; 2015: 81.5 million USD).
- Vietnam was a leading importer in 2016 with 83.2 million USD.

Russia was ranked the 4th place during these years.

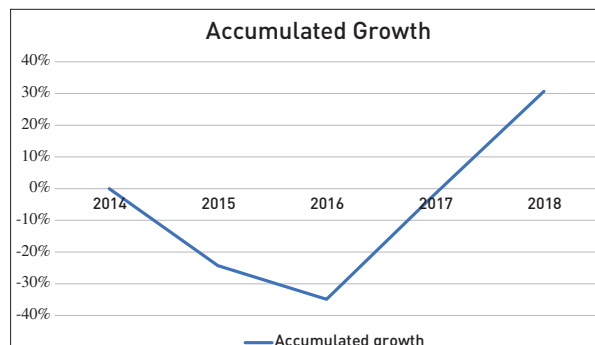
The details of machine importers are illustrated below.



India

- China exported 118.7 million USD worth of machines to India in 2018 and this number was also the highest value China exported to India since 2014.
- China exported 11.2% of its machines to India in 2018, which was its highest market share in India since 2014.
- The lowest market share it had in India was recorded in 2016 at 6.5%.
- The lowest value of machines China exported to India was recorded in 2016 (about 53.6 million USD).

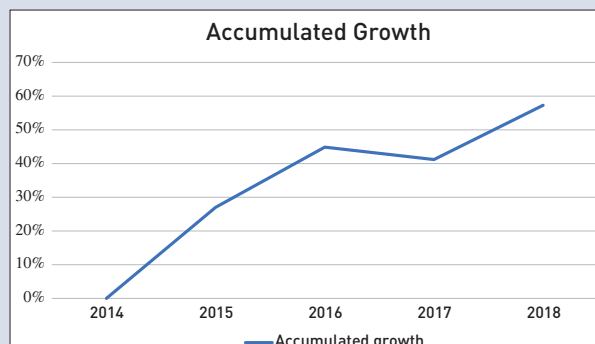
Export from China	2014	2015	2016	2017	2018
India	73,673	59,259	53,580	80,306	118,690
Market Share	8.1%	6.6%	6.5%	9.3%	11.2%
Growth Percentage	-----	-24.3%	-10.6%	33.3%	32.3%
Accumulated Growth	-----	-24.3%	-34.9%	-1.6%	30.7%



Vietnam

- China exported 95.6 million USD worth of machines to Vietnam in 2018, representing 9% of its total machine export value at that time.
- China exported 10.0% of its machines to Vietnam in 2016 and it was the highest market share it had in Vietnam since 2014.
- The lowest market share China had in Vietnam was recorded in 2014 at 5.5%.
- The lowest value of machines China exported to Vietnam was recorded in 2014 (about 49.9 million USD).

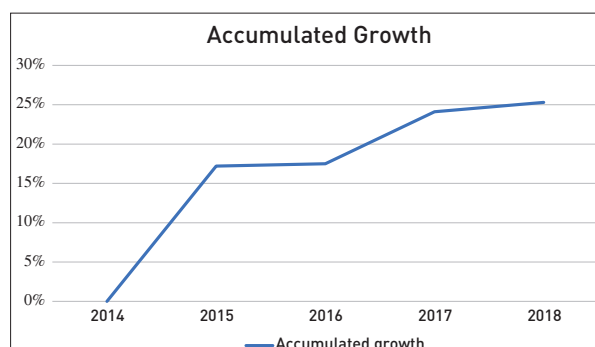
Export from China	2014	2015	2016	2017	2018
Vietnam	49,853	68,266	83,176	80,173	95,560
Market Share	5.5%	7.5%	10.0%	9.3%	9.0%
Growth Percentage	-----	27.0%	17.9%	-3.7%	16.1%
Accumulated Growth	-----	27.0%	44.9%	41.2%	57.3%



USA

- China exported 88.5 million USD worth of machines to USA in 2018, representing 8.3% of its machine export value.
- China exported 10.2% of its machines to USA in 2017 and it was the highest market share China exported to USA since 2014.
- The lowest market share China had in USA was recorded in 2014 at 7.4%.
- The lowest value of machines China exported to USA was recorded in 2014 (more than 67.4 million USD).

Export from China	2014	2015	2016	2017	2018
USA	67,433	81,466	81,665	87,503	88,521
Market Share	7.4%	9.0%	9.9%	10.2%	8.3%
Growth Percentage	-----	17.2%	0.2%	6.7%	1.2%
Accumulated Growth	-----	17.2%	17.5%	24.1%	25.3%



Last Words

In terms of import from China, China narrowed its focus to India, Vietnam and USA. The numbers reveal that the growth of these markets since 2014 was more than the growth of the world.

In terms of export to China, China increased machine trade from Japan, Germany and South Korea in comparison with the trade it had with the other countries in the world. ■