

# NEWS RELEASE



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## 2015 ANNUAL FORGING INDUSTRY SALES RELEASED BY FORGING INDUSTRY ASSOCIATION

### *2015 Shipments Drop, While Bookings Fall More Dramatically*

CLEVELAND, OHIO -- Final revised figures showing 2015 sales of metal forgings produced by independent (custom) forging plants in the United States, Canada and Mexico have been released by Forging Industry Association (FIA). Figures are broken out by the three major forging processes.

#### CUSTOM FORGING INDUSTRY SALES IN NORTH AMERICA (encompassing all metals forged; in millions of U.S. \$)

<u>Year</u>	<u>Impression Die</u>	<u>Open Die</u>	<u>Seamless Rings</u>
2015	7418.6	1768.6	1668.5
2014	8190.7	2068.8	1659.3
2013	7313.3	1841.3	1604.0
2012	7336.9	2177.8	1603.6
2011	6371.9	2191.6	1485.0
2010	5287.8	1685.6	1258.4
2009	4832.1	1521.6	1298.2
2008	6084.8	2035.0	1785.8
2007	6149.8	1786.9	1450.1
2006	5870.3	1520.7	1220.1
2005	5641.1	1226.4	861.0
2004	4907.4	901.5	607.4

## **CUSTOM IMPRESSION DIE FORGING**

Total industry shipments for the custom impression die forging industry at \$7,418,553,000 in 2015, decreased 9% from \$8,190,679,000 in 2014. Bookings of impression die forging orders during 2015 decreased to \$6,171,678,000, 15% below 2014's figure of \$7,230,525,000. The Automotive sector (passenger cars/light trucks/SUV's and parts) with 32.2% market share, took first place in 2015. Aerospace Commercial took second place with 22% market share. Heavy Truck came in third with 13% of 2015 sales.

## **CUSTOM OPEN DIE FORGING**

Total industry shipments by the custom open die forging industry with \$1,768,567,000 in 2015 was 15% below 2014's \$2,068,848,000. Bookings of open die forging orders during 2015 amounted to \$1,282,612,000, 40% below the \$2,141,805,000 reported in 2014. In 2015 Oil & Gas field machinery and equipment remained in the lead for open die market segments with 19.3% market share; a dramatic drop from 30.3% in 2014. Defense which includes aerospace military, military heavy vehicles and ordnance/guided missiles and naval related/navy nuclear remained in second place with 18.9% market share. Metal Processing took third place with 9.9% share.

## **CUSTOM SEAMLESS ROLLED RING FORGING**

Total 2015 industry shipments for the custom seamless rolled ring forging industry increased to \$1,668,473,000, 1% above 2014's volume of \$1,659,279,000. Bookings of seamless rolled ring forgings for 2015 decreased to \$1,591,776,000, 6% below 2014's \$1,689,124,000. Aerospace-commercial accounted for the majority of seamless rolled rings produced, with a market share of 53.1% in 2015. Power Gen came in second place, with a 12.9% market share; while Oil & Gas field machinery and equipment was third with 8.3% share of sales.

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*NOTE: FIA's Annual Report of industry sales is based on information compiled from companies believed to have produced an average of 89% of 2015's total custom forging sales. The report is statistically treated to represent 100% of industry shipments in the custom forging industry. Figures quoted in this release do not include forgings produced for captive use or standard catalog products. Components produced via the cold forging process are also excluded from this report.*

***FORGING INDUSTRY ASSOCIATION, with headquarters in Cleveland, Ohio, is comprised of 102 North American producers of forged metal components, accounting for over 230 plants producing 89% of the custom forging volume produced annually. Forged metal parts are pressed, pounded or rolled into countless configurations, and used for critical applications in the aerospace, automotive, construction, materials handling, ordnance, hand tool, agricultural and industrial equipment industries -- to name a few! In addition, 90 firms supplying equipment, materials, services or supplies to the forging industry are also members of FIA. The Association, with its predecessor organizations, has served the metal forging industry since 1913.***

***For more information on metal forging processes, the forging industry or FIA member companies, visit the forging industry website at [www.forging.org](http://www.forging.org).***