



## Lt. Govt. Eric Holcomb and Ryobi chairman to discuss Indiana operations



Lieutenant Governor Eric Holcomb and Hiroshi Urakami, chairman of Ryobi Limited, met at the Indiana Statehouse to discuss the company's Indiana operations. During the meet, Urakami formally committed to growing his company's operations in Shelby County.

INDIANAPOLIS Japan-based Ryobi Limited announced plans to expand its Shelbyville operations, creating up to 150 jobs, as Lt. Gov. Eric Holcomb met at the Indiana Statehouse with Hiroshi Urakami, Ryobi chairman.

"International manufacturers play a key role in Indiana's economy. That's especially true of Japanese manufacturers like Ryobi, which together employ more than 53,000 Hoosiers at facilities across our state," Holcomb said.

The company will invest \$97.5 million into its U.S. subsidiary Ryobi Die Casting USA, purchasing and equipping a 350,000-square-foot facility adjacent to its campus at 800 W. Mausoleum Road in Shelbyville.

The facility, which will expand the company's operations in Shelbyville to cover four buildings across 1 million square feet, will allow Ryobi to grow its structural and engine block die casting to increase production to process 500,000 castings annually by 2018. With construction expected to begin this fall, the company plans to begin operating in its new facility by late 2017.

Ryobi, which employs 8,900 associates globally, including more than 860 in Shelbyville, plans to hire for additional manufacturing and management positions over the next 18 months.

"Ryobi Die Casting is a world-leading manufacturer of power train and structural/body-in-white castings," said Tom Johnson, president of Ryobi Die Casting USA. "This investment clearly shows our commitment to the ever-expanding

lightweight and fuel-efficient markets." Ryobi launched production in Shelbyville in 1985, which is the company's only manufacturing location in the United States. Operating 12 manufacturing facilities across

six countries. Ryobi specializes in aluminum die casting for more than 300 different types of automobiles. Aluminum die casting helps make automobiles lighter and is a more environmentally friendly alternative than traditional steel auto bodies.

In Indiana, Ryobi produces transmission cases, housings, engine parts and structural parts for Ford, General Motors, Hyundai, Honda and Toyota. A publicly-traded company, Ryobi's 2015 sales reached \$2 billion, with the majority of its revenue coming from its die cast division.

The Indiana Economic Development Corp. offered Ryobi up to \$775,000 in conditional tax credits and up to \$75,000 in training grants based on the company's job creation plans. These incentives are performance-based, meaning until Hoosiers are hired, the company is not eligible to claim incentives.

## UC Rusal and Sauer sign MoU to develop 3D Technology

UC RUSAL, a leading global aluminium producer and SAUER GmbH, a member of DMG MORI, a worldwide leading manufacturer of metal-cutting machine tools has announced the signing of a memorandum of understanding (MoU) to develop the 3D printing technology for industrial use of aluminium and aluminium alloys.



According to the MoU, the two companies will jointly develop a 3D technology for products made of aluminium and aluminium alloys. The technology will be used to print aluminium parts applied by customers in the machinery-producing, aerospace and automotive sectors.

As part of the arrangement, RUSAL will develop aluminium alloys for their conversion into powders, which will then be tested and qualified by SAUER equipment. The parties will also perform joint assessments of the quality of aluminium, aluminium alloys and powders produced for 3D printing. On its part, SAUER will provide the necessary equipment as well as supporting the setup of new production and promoting the products made using the new

technology among its own customers.

"The key benefit of 3D printing technology is its ability to make industrial parts of any shape and complexity that cannot be produced using conventional means. With this technology, we can produce unique prototypes over a very short period of time. Also, the technology is practically waste-free. RUSAL is very strong in R&D and manufacturing in aluminium powders, and by combining our efforts with DGM MORI, the largest manufacturer of hybrid 3D additive manufacturing machines in the world, to expand industrial use of the 3D technology, we hope to become a leading global player in this sector, said Alexey Arnautov, RUSAL's Director for New Projects.