

Foundry industry positive about post-GST rollout



While most industry verticals maintained that GST implementation had slackened their growth in 2017-18, the foundry industry feels the tax rollout has had a positive impact on it.

Amish Panchal, President, The Institute of Indian Foundrymen, asserted "the industry's growth was slightly higher at around 6 percent than the global average of 4-5 percent."

According to a media report, he was quoted as saying that GST rollout has had a positive impact on the industry. Some level of streamlining has happened. The foundry industry encountered two major problems though — on account of inverted duty structure and the delay in getting the refund claims by the exporting units, impacting the working capital flow."

The industry produced 11 million tonnes of castings in 2017 and the revenues touched a high of \$19 billion, including exports worth \$2.7 billion (castings alone).

Highlighting the growth prospects, he stated: "India is expected to have an edge on the export front with close to 40-45 percent of total exports to the US. We are hopeful of good growth at least for the next decade as our manufacturing competitiveness has changed dramatically and with the government's thrust on 'Make in India', we foresee greater momentum. Since all engineering and other sectors use metal castings in the manufacture, the role of the foundry industry is expected to be vital."

"Business sentiments during the last three months have been spectacular and demand has soared. If such growth momentum continues, we possibly would be able to achieve 7-10 percent growth in 2018, he mentioned. ■

Western Extrusions announces new technology provider

Almex USA Inc. has announced its selection as the technology and equipment provider for the future casthouse of Western Extrusions Corporation of Carrollton, Texas, USA.

Western is one of the leading independent aluminium extruders in North America and its Carrollton facility among the largest in America at a single site.

Western Extrusions awarded Almex USA the order for a "Furnace to Finish" project scope for Western's billet casting center. The supply scope includes two 110,000 lb capacity Ultra-Ultra-Low NOx and energy efficient Regenerative Combustion Melting Furnaces, Almex's patented LARS® molten metal degassing and purification system, Almex's MEGA™ DC casting machine, and the complete casting water management system, along with facility design and all other peripheral casting line equipment required to produce high quality extrusion billet.

Foundry Update



Yizumi Die Casting Machine on continuous mode to upgrade



Beside the upgrading of die-casting process and the expansion of demands for automation and intelligent production, Yizumi Die Casting Machine has also been continuously developing to meet the needs of the new round of upgrading of die-casting parts manufacturing. This year, Yizumi's die-casting machine realized a breakthrough. The shot ended's injection acceleration achieved $\geq 50G$, and the closed-loop control accuracy of die-opening is further upgraded. The accuracy of each die opening position reached $\leq 3mm$, and the repeatability of each die opening position $\leq \pm 1mm$.

The injection acceleration is $\geq 50G$, more suitable for the production of precision die castings.

In die casting, the injection acceleration is an important part of the entire filling process. Combined with the characteristics of its die-casting machine and the molding characteristics of the die-casting process, Yizumi achieves a breakthrough in performance, and the injection acceleration of the injection system can be increased to $\geq 50G$. Under this condition, it can create higher value for customers, such as facilitating product filling and molding, reducing cold insulation, and adapting to the production of precision die castings. ■