



Press Release
For Immediate Distribution

**Tupy expands Compacted Graphite Iron
production capability in Mexico**

- **High volume CGI series production order secured**
- **System 3000 *Plus* upgrade at Tupy foundry in Saltillo, Mexico**
- **SinterCast-CGI series production capability on five different production lines**

[Joinville, Saltillo and Stockholm, 20 June 2017] – Tupy, the world’s largest cast iron cylinder block and head foundry group, has received a new order for a high volume Compacted Graphite Iron (CGI) passenger vehicle cylinder block, to be produced at its North American production base in Saltillo, Mexico. In order to support pre-production activities, and in preparation for the start of series production, Tupy has decided to upgrade its CGI production capability on its Heavy Duty Moulding Line 4 in Saltillo to the full System 3000 *Plus* standard. Based on joint Tupy and SinterCast CGI series production experience since 2003, the System 3000 *Plus* upgrade has been specified to automatically control the base treatment, the process control measurement and the final optimisation of magnesium and inoculant prior to casting. The Line 4 CGI installation is compatible with both passenger vehicle and heavy-duty engine components.

“In order to support the growing demand for Medium and Heavy Duty on-road CGI programs in North America, we initially installed SinterCast-CGI capability on Line 4 at our Saltillo facility, in 2012, to support the product development requirements of our customers. Now, as those development efforts have led toward a new high volume series production order and intensified pre-production support, we are pleased to upgrade to the fully automated System 3000 *Plus* standard.” said Mr. Luiz Tarquínio, President and C.E.O. of Tupy. “The new CGI cylinder block will result in high volume CGI series production on five different moulding lines at Tupy, further reinforcing our global leadership position for CGI product development and series production.”

“The System 3000 *Plus* upgrade has been designed from a clean sheet of paper, incorporating Tupy’s high volume CGI production experience in Brazil and Mexico, and taking advantage of the latest technology in every aspect of the foundry process” said Dr. Steve Dawson, President & CEO of SinterCast. “Together, Tupy and SinterCast have ushered more than 25 CGI programmes from the product development phase into series production. We are pleased that this track record of reliability and success has led to another series production commitment, and to our fifth high volume series production installation at Tupy.”

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Headquartered in southern Brazil, **Tupy** has more than 10,000 employees and a production capacity of 842,000 tonnes per year of cast iron components. With manufacturing facilities located in Joinville in the State of Santa Catarina and Mauá in the State of São Paulo, Brazil, and in Saltillo and Ramos Arizpe in the State of Coahuila, Mexico, Tupy is the largest cast iron cylinder block and head foundry in the world, and the global CGI leader with 17 CGI components in series production. Tupy has established sales and engineering offices located in Brazil, United States, Germany, Mexico and Japan to support its main customers, including: Cummins, Ford, Mercedes Benz, Perkins, Audi, Iveco, DAF Trucks, MAN, John Deere, Komatsu, Kubota and Peugeot and many other premier automotive and diesel engine manufacturers. For more information: www.tupy.com.br

SinterCast is the world's leading supplier of process control technology for the reliable high volume production of Compacted Graphite Iron (CGI). With at least 75% higher tensile strength, 45% higher stiffness and approximately double the fatigue strength of conventional grey cast iron and aluminium, CGI allows engine designers to improve performance, fuel economy and durability while reducing engine size, weight, noise and emissions. The SinterCast technology, with 44 installations in 13 countries, is primarily used for the production of petrol and diesel engine cylinder blocks and exhaust components for passenger vehicles, medium-duty and heavy-duty cylinder blocks and heads for commercial vehicles, and industrial power engine components for marine, rail, off-road and stationary engine applications. SinterCast supports the series production of components ranging from 2 kg to 9 tonnes, all using the same proven process control technology. The SinterCast share is quoted on the Small Cap segment of the Nasdaq Stockholm stock exchange (SINT). For more information: www.sintercast.com

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