



Press Release
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**Tupy orders SinterCast process control system
for high volume CGI production in Mexico**

With planned mature volume of more than 300,000 cylinder blocks per year, and production start in 2013, Tupy has secured the largest ever CGI cylinder block order

[Joinville, Saltillo and Stockholm, 29 October 2012] – Tupy, the world’s largest cast iron cylinder block and head foundry group, has received an order for a new high volume Compacted Graphite Iron passenger vehicle cylinder block, to be produced at its North American base in Saltillo, Mexico. Following the start of production in 2013, the order calls for a ramp-up to more than 300,000 cylinder blocks per year, making the new programme the highest volume CGI cylinder block in the world. The new CGI cylinder block will become Tupy’s eighteenth CGI component, further reinforcing its global leadership position for CGI product development and series production.

In preparation for the start of series production, Tupy has ordered a fully automated process control system from the Swedish CGI specialist SinterCast. The System 3000 *Plus* has been jointly specified by Tupy and SinterCast engineers to automatically control the base treatment, the process control measurement and the final adjustment of magnesium and inoculant prior to casting. Process data from the System 3000 *Plus*, and the melting and moulding operations, will be compiled into a unique process database to provide enhanced control and traceability. The System 3000 *Plus* will be SinterCast’s most comprehensive ever installation, with capacity for up to 15 ladles per hour and more than 9 hours of production per day. The System 3000 *Plus* is planned to be shipped before year-end and commissioned during the first quarter of 2013.

Following the installation of the System 3000 *Plus*, the SinterCast process control system currently installed on Line 3 at Tupy Saltillo will be re-installed on Line 4 to support intensified CGI product development for commercial vehicle applications.

“Following the initial SinterCast installation at our Joinville foundry during the year 2000, and the second installation at our Mauá commercial vehicle foundry in 2004, we are pleased to be the first foundry group in the world with SinterCast process control systems at three different production facilities and with high volume CGI capability on four different production lines. The CGI process at our Saltillo foundry has been designed from a clean sheet of paper, incorporating Tupy’s high volume CGI production experience over the past decade and taking advantage of the latest technology in every aspect of the foundry process” said Mr. Luiz Tarquínio, President and C.E.O. of Tupy. “As a key component of our strategy for our Mexican operations, we look forward to applying our world-leading CGI experience to support the development and series production of this new passenger vehicle cylinder block. We also look forward to continuing to expand our CGI capabilities in Saltillo, including future CGI series production on our commercial vehicle line.”

“Tupy’s contributions to CGI product development and its CGI series production experience have established CGI awareness and confidence throughout the automotive industry and have led to the approval of the highest volume CGI cylinder block to date. The planned volume, representing more than 300,000 Engine Equivalents, will establish new benchmarks for CGI foundry capability and machining.” said Dr. Steve Dawson, President & CEO of SinterCast. “We appreciate Tupy’s confidence in our technology as we prepare to install and commission our most comprehensive ever process control system. Repeat business is the strongest endorsement of any technology, and it is one of our core objectives.”

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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 weight, noise and emissions. The SinterCast technology is used for the production of more than 50 CGI components, ranging from 2 kg to 17 tonnes, all using the same proven process control technology. The end-users of SinterCast-CGI components include Aston Martin, Audi, Cameron Compression, Caterpillar, Chrysler, DAF Trucks, Ford, Ford-Otosan, General Electric Transportation Systems, General Motors, Hyundai, Jaguar, Jeep, Kia, Lancia, Land Rover, MAN, Navistar, Porsche, PSA Peugeot-Citroën, Renault, Rolls-Royce Power Engineering, Scania, Toyota, VM Motori, Volkswagen, Volvo and Waukesha Engine. The SinterCast share is quoted on the Small Cap segment of the NASDAQ OMX stock exchange (Stockholmsbörsen: SINT). For more information: www.sintercast.com

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