

Press Release
For Immediate Distribution

**Hyundai Motor Company orders
SinterCast Ladle Tracker® technology**

- Ladle Tracker installation for grey iron and CGI series production
- Improved process control, quality assurance, productivity and traceability
- First SinterCast Tracking Technologies installation in Asia

[Stockholm, 26 March 2021] – Hyundai Motor Company, a SinterCast customer since 2005 for the production of Compacted Graphite Iron (CGI) passenger vehicle and commercial vehicle engine components including cylinder blocks, cylinder heads and bedplates, has ordered a SinterCast Ladle Tracker system for grey iron and CGI process control. The technology is based on the placement of radio frequency identification (RFID) tags on each ladle and the installation of tag readers at key locations throughout the foundry to monitor and control the progress of every ladle. The Hyundai installation comprises six tracking locations to ensure that every ladle has successfully passed every step of the production process, and includes automatic lock-out of the ladle if any step is not successfully completed. The Ladle Tracker installation at Hyundai also records the age of each ladle lining in terms of days, hot metal cycles, and the accumulated time of exposure to liquid iron to optimise the scheduling of preventive ladle maintenance and re-lining. The installation is planned for the fourth quarter of 2021.

“The Hyundai order represents the sixth global installation of our Tracking Technologies and our first installation in Asia. It also represents the first application of our Ladle Tracker technology for the control of grey iron production, providing SinterCast tracking references for CGI, grey iron and ductile iron”, said Dr. Steve Dawson, President & CEO of SinterCast. “Our Ladle Tracker technology enables the foundry to measure and control every step of the process on the liquid metal side of the foundry, bringing Industry 4.0 traceability and connectivity to the foundry managers and reassurance to the foundry customers. We look forward to continuing to develop and grow our unique suite of Tracking Technologies.”

For more information:

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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 is 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 agriculture, marine, rail, off-road and stationary engine applications. SinterCast supports the series production of components ranging from 2.7 kg to 9 tonnes, all using the same proven process control technology. As a specialist supplier of precision measurement and process control solutions to the metals industry, SinterCast also supplies the SinterCast Ladle Tracker® and SinterCast Cast Tracker® technologies, to improve process control, productivity and traceability in a variety of applications. With 55 installations in 14 countries, SinterCast is a publicly traded company, quoted on the Small Cap segment of the Nasdaq Stockholm stock exchange (SINT). For more information: www.sintercast.com

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