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## PRESS RELEASE

# Avtron Manufacturing Provides Controls and Drive for SDI Plant Expansion

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**Independence, OH – December 21** – Avtron Manufacturing was selected to provide the AC and DC digital drives for thirteen cranes for the Steel Dynamics plant expansion in Ft. Wayne, Indiana. Avtron worked with Zenar Cranes to provide new cranes for the Billet Crane, Roll Mill, cooling bed, collector bed, finishing and shipping.

Due to the large size of some of the cranes, Steel Dynamics, Inc. (SDI) wanted to use DC mill motors on the hoists. DC mill motors with shunt fields were provided for these sections. Avtron provided its proven ADDvantage-32 DC drive with crane firmware for the hoists. In order to reduce spare parts required for the cranes, three different sizes were standardized on. This reduced spare part requirements and also supported the mills effort to standardize across the mill on its existing cranes.

Travel sections utilized Avtron's ACCel500 AC crane drive. Avtron once again worked with the mill to standardize on four sizes that would work not only on the new cranes but also across most of the existing cranes as well. Due to the number of AC drives on the project and in the mill, this would significantly reduce spare part inventories and cost.

Drives are also connected over an Ethernet network in order to provide access to the system. Ethernet provides a cost effective means of tying the system together. Ethernet communication allows access to both the AC and DC drives at the same time. Ethernet also gives the mill the capability to add Avtron's wireless communication system for remote monitoring of the cranes.

### About Avtron Crane Systems.

Avtron Crane Systems deliver AC and DC drives, pre-manufactured and custom engineered panels, automation solutions and diagnostic software designed to help users reduce costs, increase efficiency and enhance profitability. With system solutions and services catering to virtually every material handling need, Avtron Manufacturing provides a diverse array of capabilities and automation solutions. Headquartered in Independence Ohio, Avtron Manufacturing, Inc. provides solutions for the global market.

For more information about Avtron Manufacturing, Inc., visit [www.avtron.com](http://www.avtron.com) or contact: Avtron at 7900 E. Pleasant Valley Rd. Independence, OH 44131 Phone:216-642-1230, Fax: 216-642-6037, e-mail:systemsales@avtron.com.

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