

News Release

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Hitachi America, Ltd. Launches New SJ-P1 Variable Frequency Drive

Hitachi continues its history of excellence in innovation in industrial inverters.

Tarrytown, New York, November 2, 2017 – Since its inception, Hitachi America, Ltd. (HAL) has always been on the cutting edge of technology and engaged in the continuous improvement of all its products lines. This pursuit has led to the development of one of the world's most advanced, variable-frequency drives: the Hitachi SJ-P1 Variable Frequency Drive (VFD). The new Hitachi SJ-P1 resides at the point where ease-of-use meets high performance.

The SJ-P1, equipped with sensorless vector control (ND rating), can easily handle heavy loads that require high starting torque at low speed. With a 590Hz maximum operating frequency, the SJ-P1 VFD is perfectly suited for high speed rotation applications, such as metal processing. Other inverters may struggle with trips during acceleration and deceleration events, but the built-in automatic speed adjustment of the SJ-P1 reduces this risk.

The new color TFT display makes it easy to monitor, set, or review operational data and parameters. With the SJ-P1, data-transfer is effortless thanks to a removable operation panel with built-in member. Troubleshooting is also quick and easy with error messages presented in the customer's spoken language, not codes.

Flexibility has always been a primary benefit of all Hitachi inverters and the SJ-P1 is no different. Hitachi's SJ-P1 VFD has the ability to control both induction and permanent magnet motors, reducing the need for multiple inverter types. Customers can extend functionality by using easily accessible, slide-in cassettes to enhance integration and performance. Up to 3 optional cassettes can be installed, and include ethernet-based

communications, encoder feedback, or safety specific options.

Easy-sequence (EzSQ), Hitachi's inverter programming software, allows users to quickly and easily develop custom solutions specific to their application.

The SJ-P1 VFD adds a new level of control to a variety of customer applications including, fans, pumps, hydraulic pumps, cranes, lifts, injection molding machines, milling machines and winders.

Hitachi America, Ltd. is one of the leading suppliers of AC variable frequency drives (industrial inverters) that are utilized for an array of applications in the Americas. Hitachi industrial AC variable frequency drives are equipped with several advanced features, and deliver unprecedented performance, reliability, and flexibility. Hitachi holds deep expertise in manufacturing new generation AC variable frequency drives that offer high level functionality and accuracy.

Hitachi industrial inverters are a result of high degree of commonality between models and user-friendly configuration software, making them easy to install, program, and maintain. With a broad lineup of industrial AC variable frequency drives, Hitachi aims to provide an economical solution for industry's most challenging applications.

About Hitachi America, Ltd.

Hitachi America, Ltd. headquartered in Tarrytown, New York, a subsidiary of Hitachi, Ltd., and its subsidiary companies offer a broad range of electronics, power and industrial equipment and services, particle beam therapy technologies, automotive products and consumer electronics with operations throughout the Americas. For more information, visit www.hitachi-america.us. For information on other Hitachi Group companies in the United States, please visit www.hitachi.us.

About Hitachi, Ltd.

Hitachi, Ltd. (TSE: 6501), headquartered in Tokyo, Japan, delivers innovations that answer society's challenges with our talented team and proven experience in global markets. The company's consolidated revenues for fiscal 2016 (ended March 31, 2017) totaled 10,034 billion yen (\$89.3 billion). Hitachi is focusing more than ever on the Social Innovation Business, which includes power & infrastructure systems, information & telecommunication systems, construction machinery, high functional materials & components, automotive systems, healthcare and others. For more information on Hitachi, please visit the company's website at <http://www.hitachi.com>.