



All for dreams

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Nidec Introduces New Variable Speed Fan Motors, New Integrated Systems
New Innovations Offer New Efficiencies for Production and Processing

ST. LOUIS— Feb. 12, 2019 – Nidec Motor Corporation (NMC) continues to expand its offerings with a full range of variable speed/high torque product and integrated motor drive systems to withstand severe duty production and processing applications. Among Nidec’s newer innovations for ventilation, grain handling, food processing machines, conveyors, and packaging applications are:

Variable Speed High Efficiency Direct Drive Fan Motors – Reducing maintenance costs and power consumption allow poultry house operators and other agricultural-related businesses to increase profits. Nidec utilizes brushless permanent magnet (BPM) technology to reach over 90% motor efficiency, while the direct drive reduces maintenance and noise by eliminating belts and pulleys. The integrated speed controller allows large diameter fans to operate between 50 to 750 RPM, optimizing building ventilation regardless of the season.

Commander ID300 system - The Commander ID300 is a new integrated motor drive system with an onboard programmable logic controllers (PLC) for real-time management, multiple motor and drive control and the capability for integrated pump management, including constant pressure regulation. With built-in and expandable input/output (I/O), the ID300 could be a motor, drive and controller for various applications. The Commander ID300 also has simplified setup, utilizing keypads or a PC based software suite for configuration or system diagnostics. The initial product offering is 1-10 horsepower, 460 volt & 1-5 horsepower 230 volt.

FORECYTE™ - Nidec’s new Industrial Internet of Things (IIoT) asset condition monitoring solution enables remote monitoring, collecting, visualization and analysis of vibration, temperature, and data from other sensors to determine equipment health and performance. This allows managers and owners to transition from reactive/preventive maintenance over to predictive maintenance. Defining the ideal time and scope of such maintenance minimizes unexpected equipment failure, reduces operating costs, and extends service life.

Visit Nidec at IPPE in Booth: C11177.

About Nidec Motor Corporation

NMC is a leading manufacturer of commercial, industrial, and appliance motors and controls. The NMC product line features a full line of high efficiency motors, large and small, which serve industrial, residential, and commercial markets in applications ranging from agriculture, water treatment, mining, oil and gas, and power generation to pool and spa motors, air conditioning condensers, rooftop cooling towers, and commercial refrigeration. It also makes motors, controls, and switches for automotive and commercial markets. For more information, visit <http://www.nidec-motor.com>

Parent company Nidec Corporation, headquartered in Kyoto, Japan, is closely associated with approximately 300 group companies all over the world. Nidec is the world's No.1 comprehensive motor manufacturer handling "everything that spins and moves," miniature to gigantic.