

# Iggesund Paperboard specifies ABB drives and control system

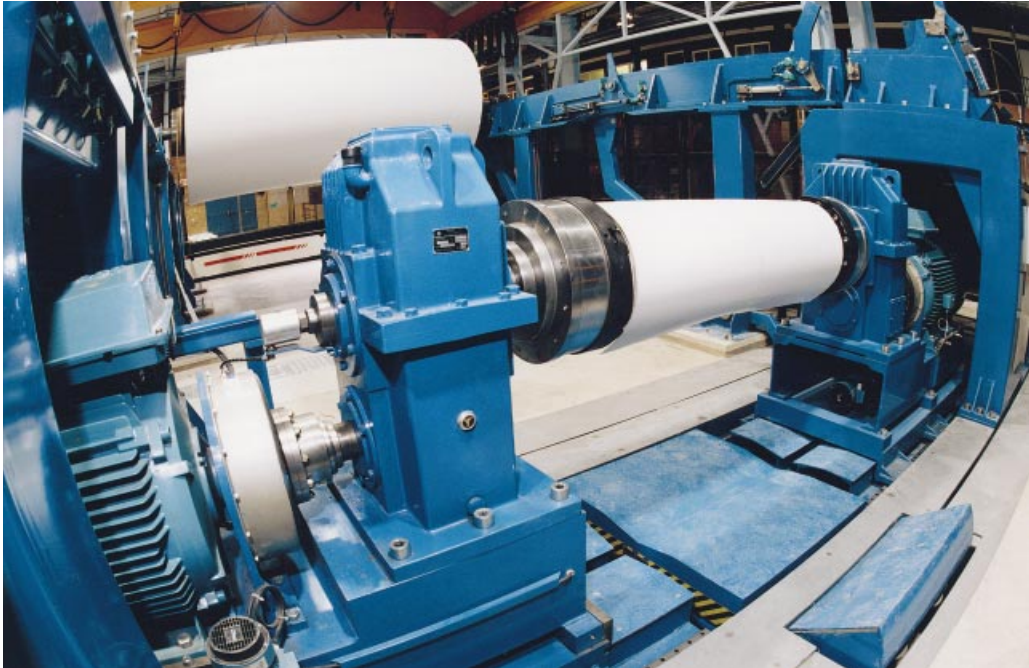


ABB Industrial Systems' drives and control equipment has been ordered by Iggesund Paperboard (Workington) for the new Reelstore and Winder/Rewinder projects.

A PPS 200 digital drives system, designed for paper and finishing machines, is being supplied to control Iggesund's new paperboard winder /rewinder. The AC drive system comprises seven motor and variable speed sectional drive sets ranging from 292kW for the paper drums to 24kW for the rider rollers; a Distributed Control System which controls and monitors

the drives; and standard PC-based software to provide an interface via graphical control panels.

Ten ACS 600 AC drives using Direct Torque Control (DTC) technology, ranging from 5.5kW to 132kW have been ordered for two new storage and retrieval crane systems being supplied by Pelloby Cranes of Telford. The DTC drives will control the crane systems' hoist, cross and long travel as it offloads finished product from the Automated Guidance Vehicles in Iggesund's fully automated £12 million reelstore .



Energy efficient motors and inverter drives with regeneration facilities meet Iggesund's requirements for energy savings. "AC drives were selected for the new winder/rewinder and crane systems based upon the benefits of standard products. This will help reduce our operational costs," explains Ian Elliott, Electrical Project Engineer at Iggesund. "We considered and compared the options and decided to go with technology that could cope with the precise positioning needed by both applications. ABB offered equipment that is well proven in the pulp & paper industry," adds Elliott.



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