EMERSON
Industrial Automation

News release

Control Techniques& Leroy-Somer

16/06/2014
For immediate release

Contact:
Alex Byles
Marketing Communications Manager
alex.byles@emerson.com
01686 612900

UNIDRIVE M FROM CONTROL TECHNIQUES MEETS SPEED AND BUDGET REQUIREMENTS OF PAPER MILL

Mostafa Paper Complex Ltd (MPCL), an established paper mill based in the Chittagong district of Bangladesh, has begun using the new Unidrive M variable speed drive plus encoders and systems solutions by Control Techniques on its latest paper machine. Aside from high performance motor control, Control Techniques was selected for the project based on the strong industry knowledge of its technical team, fast eight-week delivery and rapid commissioning.

MPCL, part of the global Mostafa Group, first entered commercial production in 2005. The company is engaged primarily in producing export quality media by using wastepaper, board and pulp. MPCL manufactures writing-grade, printing-grade, newsprint and craft paper to meet the demands of local markets.

The successful variable speed drive solution, selected for use on MPCL's latest paper machine, was based on Control Techniques' recently introduced Unidrive M, which is designed specifically for manufacturing automation applications – Control Techniques' traditional area of expertise. The Unidrive M drive solution controls various suction rolls, paper guide rolls and dryers within the paper machine.

Led by the results of extensive customer-driven market research, Control Techniques has tailored each Unidrive M model to specific application needs identified within the field of manufacturing automation. For instance, the M700 series drives now in use at MPCL offer benefits specific to sectors including paper and print.

The Unidrive M700 AC drive offers class-leading induction and permanent magnet servo motor performance, with real-time Ethernet. M700 delivers maximum machine throughput through greater control with single and multi-axis network synchronisation. On-board real-time Ethernet (IEEE 1588 V2), advanced motion control and high speed I/O for position capture has made it easier than ever for machine builders to create more sophisticated and flexible machines.

As a result of the module/software configuration supplied by Control Techniques, the complete machine logic and sequence for MPCL could be implemented inside the drive, removing the requirement for an external PLC, panel and related accessories.

Control Techniques was able to specify a complete, fully digital drives package, including design and commissioning, as well as incomer panel and drives panel. Furthermore, the system's design and interfaces ensure ease-of-use for the operator along with extensive diagnostics capability.

"Working with MPCL provides an excellent opportunity for Unidrive M to demonstrate its leading performance capability in the paper industry," says Control Techniques' President, Enrique

Minarro Viseras. “Listening, addressing and anticipating the needs of the industry and taking forward our heritage of technological innovation, the result in Unidrive M is a variable speed drive which ensures optimal performance, openness in communications connectivity and high ease of use unmatched by any other competitor.”

-ENDS-

About Emerson

Emerson (NYSE: EMR), based in St. Louis, Missouri (USA), is a global leader in bringing technology and engineering together to provide innovative solutions for customers in industrial, commercial, and consumer markets around the world. The company is comprised of five business segments: Process Management, Industrial Automation, Network Power, Climate Technologies, and Commercial & Residential Solutions. Sales in fiscal 2013 were $24.7 billion.
For more information, visit www.Emerson.com.

About Emerson Industrial Automation

Emerson Industrial Automation, a business of Emerson, is a global technology provider that enables productivity, efficiency and quality gains for customers across a spectrum of industries. Our products include alternators, electric motors and drives, electrical distribution devices and mechanical power transmission, fluid automation and ultrasonic joining solutions. Emerson brands include Appleton, ASCO, Branson Ultrasonics, Browning, Control Techniques, Kop-Flex, Leroy-Somer, McGill, Morse, Numatics, O-Z/Gedney, Rollway, SealMaster and System Plast.
For more information, visit www.EmersonIndustrialAutomation.com.

About Control Techniques and Leroy-Somer

As part of Emerson Industrial Automation, Control Techniques and Leroy-Somer have operated globally as sister companies for many years, each with their individual areas of expertise and specialist technologies. Now our combined business allows us to provide optimized drive and motor technology, develop perfect industry-specific and customized automation solutions, with strong local technical and sales support on a global scale.

For more information, visit www.ControlTechniques.com and www.leroy-somer.com.

Global Sales & Solutions, Emerson Industrial Automation, Control Techniques Ltd,
79 MochdreEstate, Newtown, SY16 4LE, UK
T: +44 (0) 1686 612000, F: +44 (0) 1686 612999