ABB
Paper Machine Drive Solution

ABB's Paper Machine Drive solution has helped the Holmen Paper's mill in Madrid, Spain to achieve a world speed record for production once again. The new record was set on 25th of January, 2010; this is the third speed record for the newsprint production on PM62. The new record was reached on PM62 over a period of 24 hours with an average speed of 2,014 meters per minute.

ABB's PMC800 Paper Machine Drive solution enables easy and efficient control of production speed, while maintaining high product quality. The PMC800 is a proven solution for papermakers, with a unique combination of software and hardware to achieve the highest level of system performance. The solution is optimized according to the Holmen Paper's specific requirements, which enables them to benefit from optimally dimensioned but high-capacity drive power.

www.abb.com

Metso
Defibrillator System for Indonesia

Metso will deliver a defibrillator system to Siempelkamp Group for installation at PT. Sumatera Prima Fibreboard in Indonesia. Start-up is scheduled for 2011. The value of the order will not be disclosed. The delivery from Metso will include all main machinery of the EVO 56 Defibrillator system, related motors, a control system as well as supervision of installation and start-up.

PT. Sumatera Prima Fibreboard's new thin board line will be located adjacent to the existing plant in Palembang, South Sumatra, Indonesia. The production will cover board thicknesses in the range of 1.5 mm up to 12 mm with a maximum defibrillator capacity of about 30 dry tons/h. Raw material will be mainly acacia and rubber wood.

PT. Sumatera Prima Fibreboard will become the largest producer of MDF in Indonesia once the new line comes on stream. The EVO 56 system is the first Defibrillator system from Metso to PT. Sumatera Prima Fibreboard.

www.metso.com

Metso
AQCs to M-real Joutseno and Kaskinen

Metso will supply advanced quality control solutions (AQC) and kajamiaMAP analyzers to M-real's Joutseno and Kaskinen mills in Finland. The mills produce bleached chemi-thermomechanical pulp (BCTMP) altogether nearly 600,000 tons per year. The new solutions will be commissioned in the fall of 2010. The integrated Metso solution will combine the mills' existing metsoDNA automation solutions with a new kajamiaMAP analyzer for freeness, fiber length and shives measurement, and an Advanced Quality Control (AQC) solution. This combination will reduce BCTMP quality variability, optimize and decrease the specific energy required for refining, increase plant production and ease the operators' work.

www.metso.com

Andritz
Andritz Gap Former to Italy

Following the rebuild of the wet section of paper machine PM4 at Cartiere Modesto Cardella S.p.A., Italy, by ANDRITZ, the PrimeFlowTW two-layer headbox with PrimeProfiler dilution water control, and the first PrimeFormTW gap former to be supplied by ANDRITZ PULP&PAPER have gone into operation successfully.

The concept provides high devatering performance and production of corrugated base paper grades with a minimum of twosidedness. Initial results showed a significant improvement in paper formation and strength properties. The paper machine has a design speed of 1,200m/min and a wire width of 3,180mm; the corrugated base paper, with a basis weight range of 90 to 170gsm, is produced from 100% recovered paper.

www.andritz.com

Metso
Tissue Line to Turkey

Metso will supply a complete tissue production line to AK GIDA SAN ve TYC A.S. in Turkey. The tissue line will be installed in the company's new mill in Pamukova, which is located in Sakarya province. Start-up is planned for the second quarter of 2011.

Metso's scope of delivery will comprise a complete tissue production line including a stock preparation system and an Advantage DCT 200 TS tissue machine. The tissue machine will be equipped with an OptiFlo headbox, an Advantage ViscoNip press, a Metro Yankee cylinder, an Advantage AirCap hood adapted for co-generation, an Advantage WetDust dust management system and an Advantage SoftReel reel. The stock preparation system will comprise OptiSlush pulpers, OptiFiner conical refiners and OptiScreen machine screens. Furthermore, the delivery will include an extensive automation package with metso DNA machine and process controls, a PaperIQ Plus scanner and quality controls. Complete engineering, installation supervision, training, start-up and commissioning will also be included in the delivery. With a width of 5.6 m and a design speed of 2,200 m/min, the new line will produce 60,000 tons a year of high-quality facial, handkerchief, toilet and towel grades. The raw material for the new line will be virgin fiber. The production line will be optimized to save energy and enhance final product quality.

AK GIDA SAN ve TYC A.S. aims to expand its operations into the field of tissue products by building a new tissue mill in Pamukova, Turkey. With 140,000 m² of production area, the company currently produces some 400 different dairy products at the Pamukova facilities.

www.metso.com