ABB

Paper machine drive solution for improved productivity

ABB’s top knowledge and quality within the Paper Machine Drive Solution enabled a fast and on-time startup of PM 4 in Setúbal. Both the progress of start-up work and the quality of the equipment were excellent. All the agreed deadlines relating to the start-up, test-runs and production were promptly on schedule.

The cooperation between ABB, the end customer, consultants and paper machine manufacturer has been smooth and successful. The project proceeded well without any major problems,” says Toni Haapala, project manager from ABB. “The technical descriptions and customer needs were clear and even though some changes came during the project, those were clarified fast and efficiently. All parties had the ability and willingness to stay focused on their goals which centred on implementing the most modern paper mill in Europe.”

ABB’s PMC800 paper machine drive delivery for Setúbal consisted of two winder sectional drives, rewinder and pump drives with 81 ACS800 Multidrive inverters and motors and process drives of 324 ACS800 Multidrive and Single-drive inverters. Altogether the mill has 405 inverter units for the process motors. The paper machine, winder and rewinder drive systems also have a test rig for the ACS800 Engineering Demo unit, the PMC800 Dataloggers, the 800xA Process Portal Operator Stations, the GOP2010 control panels, and for remote connectivity to the drive systems. The delivery also included installation supervision, training, startup and stand-by services.

ABB’s paper machine drive solution enables improved productivity by means of enhanced data logging, maintenance tools and expert services, either on site or remotely.

Edifer

Outpacing civil construction works

Edifer’s participation in the project in Setúbal has consisted of civil construction work on the warehouse, processing and shipment areas as well as in the execution of the pipe rack connecting the pulp factory to the new paper mill.

The biggest challenge of this project was to meet the tight deadline while the execution project was simultaneously being prepared by Portucel Soporcel. Edifer is familiar with these demanding contracts which imply a con-

A demanding task: the civil construction