

EV Web Eye™

Sheet MD Moisture Level Information with EV Web Eye at StoraEnso Kvarnsveden and Kaukopää

EVG has delivered EV Web Eye MD (machine direction) sheet moisture level control for StoraEnso mills at Kvarnsveden and Kaukopää.

EV Web Eye units were installed during winter – spring 2008.



MOISTURE LEVEL CONTROL ENSURES FLUENT SHEET SPREADING IN TAIL FEEDING AT KVARNSSVEDEN

Before EV Web Eye, Kvarnsveden PM12 had serious spreading problems at the end of the drying section. EV Web Eye unit was installed at the last VAC roll of the PM drying section for tail moisture level control. This reliable information of the tail dryness eliminates the spreading problems in tail feeding and improved knowledge of the control of steam & condensate system.

With EV Web Eye technology the mill personnel is now able to adjust steam pressures during the break and threading/spreading. This helps to specify the correct point of time for successful, easy tail threading to the reel.

IMPROVED PROCESS CONTROL AT KAUKOPÄÄ

At Kaukopää the mill personnel has been happy with the improved process control at PM8. The EV Web Eye unit was installed after press to enable the personnel to monitor process problems and to improve the overall process control.

SEVERAL ADVANTAGES WITH THE EV WEB EYE FOR YOUR PAPER PRODUCTION

- EVG has years of experience from the moisture measuring technology

- Connection of EV Web Eye technology with EV Survey services provides additional information to compare moisture level and CD moisture profile information

- Measurement data and alarms from EV Web Eye can be connected with the mill DCS/QCS system. EV Web Eye supports all standard field and data bus systems.

- Easy to use: the unit can be driven automatically away from web during break

- Minimal maintenance: only lens cleaning required during normal shut down

- On-line information of sheet off press dryness enables operator to optimize sheet dryness after the press section

▫ Reliable reading of sheet dryness after the press with all grades and in all conditions and clothing can save the investment in few months. **1% of sheet dryness equals 4% of steam consumption or drying capacity!**

- On-line information of the tail dryness after the press or at the end of drying section can reduce break time significantly, which leads to improved efficiency

