

MAHLO QUALICROSS

CD basis weight Profile Actuator
for dilution water headbox systems

Motoric actuator to control the basis weight profile of paper in Cross Direction (CD) on paper and board machines with dilution water headbox systems



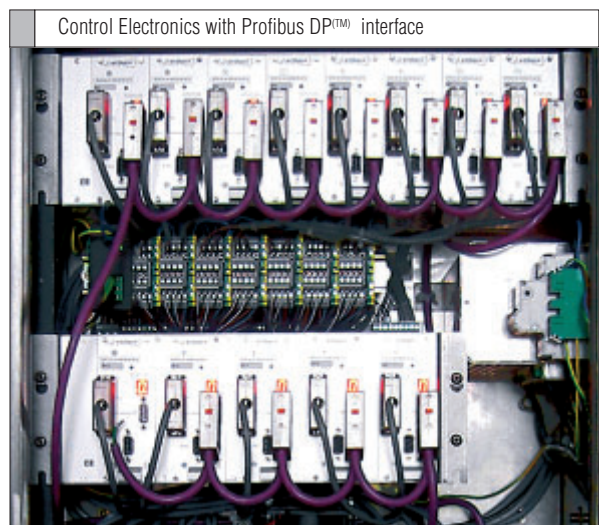
The ability to monitor and control the paper basis weight CD (Cross Direction) profile is truly one of the most outstanding advantages of using a QCS system today. It has always been the dream of paper makers to be able to overcome problems caused by uneven basis weight profiles, and even fully automatic to increase operation safety in the paper mill.

Modern dilution water headbox systems offer the ideal preconditions for this, as the dilution water principle per definition allows fast and accurate interaction with the basis weight profile of the paper, by varying the amount of dilution water in each segment.

The MAHLO QualiCross CD profile actuator offers the possibility to accurately control most of today's dilution water control valves, and is designed to work reliable and with minimal maintenance

in the environmental conditions of a wet section in the paper machine.

The actuators for CD basis weight control, one for each segment, are typically placed directly at the compensator for every dilution water headbox, and fitted to the control valves. These valves control the total amount of dilution water into every segment of the headbox. By adding more water, the paper basis weight will be lower for this segment, and vice versa.



- Measurement
- Control
- Automation

