

Soft starters for The Pulp & Paper Industry

Driving and emergency braking of a debarker
Motor ratings: 350A
Kuhne, Finland



Solbrake

RVS-DN 390A

In this dual application, Solcon supplied both the soft starter, and the DC injection brake unit used for the emergency brake. Solcon supplied the soft starter necessary to eliminate both the high inrush current and mechanical shock on starting typical to motors turning heavy blades. The integral motor protection built into each Solcon RVS-DN ensures that the motor is protected from destructive situations such as shear-pin, stall protection, under/over voltage, load loss, and others.

The Solbrake stops the motor by injecting DC current into the motor windings, thus providing a high level of safety for the machine operators. The advanced Solbrake auto-stop circuitry senses when the motor has stopped turning and disconnects the DC injection circuitry, preventing the motor winding from excessive heat.



The working end of the log de-barker
Solcon soft starts the motor and supplies the safety emergency braking with Solbrake.