

Apron reconditioning

A solution for better dry weight profiles

Deformations in the flow surface, front edge rounding and dents cause problems and difficulties in CD profile adjustment. With Valmet's grinding method, the front edge of the apron can be reconditioned to its original accuracy.

Benefits

- Reduces need for slice control
- Reduces CD basis weight variation
- Improves machine runnability
- Improves dry weight profile
- Improves jet flow stability



Service description

Optimal process profiles and end-product quality require that the headbox is in good mechanical condition. The apron and slice lip are among the most delicate parts of a paper machine, and they have a significant effect on the cross-direction profiles. In cases of major damage, local on-site repairs by other methods such as welding, straightening and grinding can usually restore a failed area.

Scope of service

The service can include:

- Apron edge and flow area condition checking
- Apron straightening
- Apron corner and flow surface damage repair by grinding
- Apron corner and flow surface damage repair by welding
- Apron flow surface polishing grinding

Recommended service interval	When needed
Duration of full service	8–24 hours
Performed during shutdown	8–24 hours
Performed during operation	–