The UFD™ feedwell and ULR™ liquor removal system offers improved green liquor clarifier performance based on our optimized uniform flow design.

Illustrates internal flow pattern

Features & Benefits

- Significant improvement in green liquor clarity
- Reduction in non-process elements (NPEs) by removing dregs from green liquor
- Improved white liquor clarity and kiln performance
- No additional operating cost
- Operational performance (clarity & NPEs) similar to filtering systems
- Substantially less maintenance and capital cost compared to traditional filtering systems
- Short outage required for conversion
Kadant Black Clawson has developed the UFD™ feedwell and ULR™ uniform liquor removal system to be the premier design in clarifier technology.

Using computational fluid dynamics (CFD) design and modeling, the UFD™ feedwell distributes the flow uniformly without creating currents that upset sedimentation.

The ULR™ system offers high performance liquor removal with low maintenance cost based on the elimination of bustle inlet and header plugging. The Kadant system can be retrofitted to your current clarifier with substantially less capital than filtering devices.

A complete system can be engineered to improve your mill’s profitability by reducing cost and increasing efficiency. Lower levels of NPEs will improve causticizing efficiency, increase lime mud dryness, improve lime filtering, and result in valuable energy savings in the lime kiln.