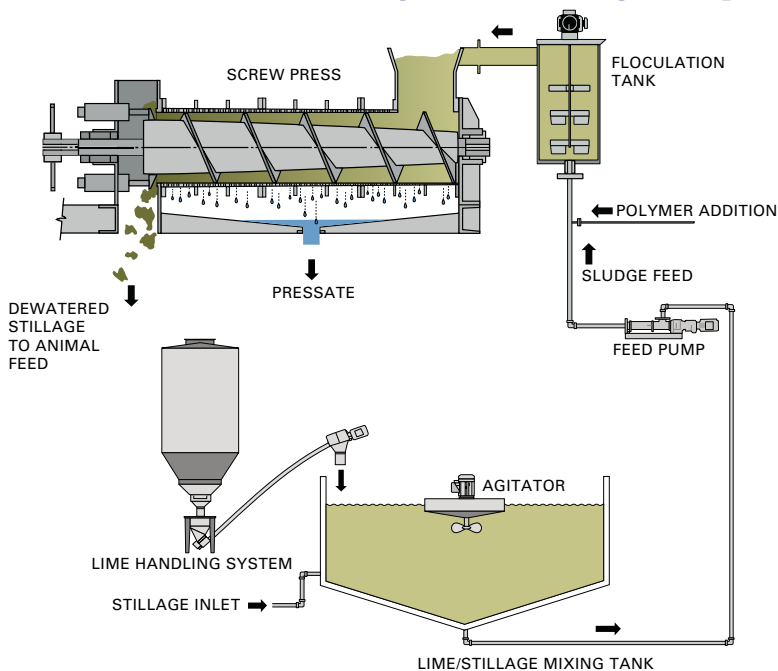


# STILLAGE DEWATERING SCREW PRESS



FKC screw presses at a bourbon distillery in Kentucky. These screw presses were installed as part of a waste to energy facility with anaerobic digestion of the screw press filtrate. Capture rate is important for this type of system so the stillage is pH adjusted and flocculated with polymer prior to being fed into the screw presses.

## Process Flow Diagram Using Polymer



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## FKC SCREW PRESS FEATURES

- Custom Designed for Every Application
- Numerous Sizes
- Stainless Steel Wetted Parts
- Low Horsepower
- Low Maintenance
- Low Moisture Outlet

Whole stillage can be dewatering with an FKC Screw Press without any chemical addition. In that case the resulting filtrate is typical thin stillage. However, if lime and polymer are used as shown above, the suspended solids in the pressate are minimal, which is ideal for anaerobic digestion of the filtrate.

# SPENT GRAIN DEWATERING SCREW PRESS



Four HX-1000 model screw presses installed at Grupo Modelo's Zacatecas, Mexico brewery.

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Dewatered brewery spent grain at 60–62% moisture