



AWEC SERIES

AUTOMATIC WET END STARCH COOKER

Series AWEC

AWEC 0600
600 lb/hr

AWEC 1200
1200 lb/hr

AWEC 1800
1800 lb/hr

AWEC 2400
2400 lb/hr

Other Systems for...

Size Press

Coatings

Custom Design



BETTER PAPER. BETTER NUMBERS. PROFLOW MAKES BOTH AUTOMATIC.

Imagine dialing a desired starch concentration in to your starch cooker and getting it automatically. With no calculations. No manual adjustments. No inconsistencies.

This is precisely how the ProFlow Automatic Wet End Starch Cooking Systems function! The operator directly sets the starch concentration: the system sets the necessary feed rates. Throughout the run, Closed Loop Controls maintain consistent product delivery despite fluctuations in steam or water supply. This virtually eliminates costly starch overfeeds and underfeeds that can waste other high cost additives downstream.

The payoff? Lower process variability - better quality paper - improved operating costs. And thanks to ProFlow dependability, proven over decades and recognized worldwide, production costs remain low in the long run.

So turn the page. Get the details. Then get the only starch cooker system that makes better paper and better numbers - automatically.

ProFlow



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AUTOMATIC WET END STARCH COOKER

The ProFlow Benefits Add Up In Your Favor...

Convenience Operator friendly controls allow direct setting of starch concentration eliminating the potential for errors caused by manual calculations and frequent adjustments.

Process Stability Closed Loop Controls maintain set concentration throughout the run - lower process variability - regardless of fluctuations in steam or water supply. Uniform starch concentration allows optimization of application rates.

Cost Savings The AWEC Series Starch Cooker lets you reap the benefits of lower operating costs - through enhanced reliability and tighter control over the process.

Controllability PLC-based control system integrates with the mills DCS. Set starch concentration, monitor and control the operation remotely - or locally from the Operator Interface Terminal. Q-Jet Dual Control Mixing Jet Cooker allows in-process tuning via the mixing tube adjustment - another ProFlow exclusive - to eliminate noise and damage due to "steam hammering".

Dependability Rugged components, proven designs and decades of experience in building critical fluid handling systems for the paper industry ensure trouble-free operation and maximum uptime. All AWEC Series use Waukesha Rotary Pumps that will start without damage when filled with settled starch slurry and can run dry without harm so long as the seals are properly flushed.

Availability In stock supplies of key components let us quickly fabricate standard and custom systems to meet your needs.

Support Comprehensive manual simplifies system operation and maintenance. Start-up service, remote modem diagnostics, on board help screens and on-call, round-the-clock emergency service promote peak productivity from day one - and every day thereafter.

Starch Options Equally efficient in cooking a variety of starches - corn, potato, as well as tapioca, wheat, waxy maize and others.

Results Simply put, ProFlow performance helps you produce better paper at lower costs. When you factor in all of the benefits - from labor and material savings to lower maintenance costs, lower downtime and higher customer satisfaction - nothing else equals the ProFlow AWEC Series Automatic Starch Cooker System.

*ProFlow... providing critical process equipment to the paper industry for over 20 years. Our presence in hundreds of mills worldwide, confirms our ability to exceed our customer's expectations - every job, every time.
When the system must be right...ProFlow.*

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ISO 9001 Certified



TUV Rheinland
of North America



RvC
Accreditation

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Foreign Patents Applied For