



Sentinel[®]

AUTOMATION TECHNOLOGY BY **STONEAGE**



MAJOR COST & TIME SAVINGS

WITH

FASTER, SAFER & MORE PRECISE
TUBE CLEANING

Sentinel technology integrates with StoneAge's ABX-3L and LWPS to enable automated exchanger tube cleaning

- ▶ Delivers productivity gains and consistent results at every job
- ▶ Enables operators at any skill level to expertly perform through difficult job conditions
- ▶ Backed by StoneAge's world-class technical support and training
- ▶ Conversions packages are available for standard AutoBox 3L tractor and positioning system

TRADITIONAL VS. AUTOMATED EQUIPMENT ON THE JOB

Traditional
Clean Time

20
HRS

VS.

Automated
Clean Time

10
HRS

"It normally takes us 16 hours to clean one heat exchanger bundle. Now, with the Sentinel, the entire bundle was fully cleaned within 4 hours."

Hylle Poll, Industrial cleaning operator at Reym

Ensure reliable and repeatable results with
Autofeed, Autostroke & Automove productivity features



The future of heat exchanger cleaning **in your hands.**

Access your cleaning data from specific jobs with Sentinel Link

Get key insights to help reduce costs and improve asset utilization

- ▶ Real time job adjustments to optimize cleaning productivity
- ▶ Create consistent, repeatable results through data collection
- ▶ Reduce fuel, water consumption, and overall job costs
- ▶ Use historical data for accurate bidding and cost savings
- ▶ Identify opportunities for processing improvements
- ▶ Evaluate and adjust cleaning cadence to minimize downtime

- ▶ Water pressure sensor provides the exact water pressure output during a cleaning application through Sentinel Link
- ▶ System usage and configuration, time range, tubes cleaned, tubes per hour, tube sheet face visualization, clamp and inlet pressure, plus high pressure rate

Increase Your Bottom Line and Better Serve Your Customers with Sentinel Automation Technology

Asset owners are expecting, even demanding, the use of new technology, ideas and innovation from contractors.

That's where Sentinel comes in

50% REDUCTION IN TOTAL CLEAN TIME

Precise, automatic indexing and lance feeding eliminate the need to shut down pump in order to align nozzles on the next tube set, even in low visibility situations.

42% REDUCTION IN COST TO CLIENT

Faster, more efficient cleaning saves time, water, and fuel, plus it reduces pump rental time – savings to your bottom line your clients will also enjoy.

31% REDUCTION IN LABOR COST

Intuitive controller for the Sentinel-enabled AutoBox 3L is easy to learn and operate, requiring just one operator instead of two and delivering expert cleaning performance regardless of their skill level.

25% INCREASE TO EQUIPMENT REVENUE

Skyrocket the utilization of your fleet and perform more jobs in less time by increasing the productivity of StoneAge equipment you already have.

Get more information at:
www.stoneagetools.com/sentinel



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