

Buckman OnSite®
PAPER TECHNOLOGIES

**MORE
POWER
OVER
DATA**



**MORE
CONTROL
OVER
PROCESSES**

Buckman™
Chemistry, connected.

PRECISION

VERSATILITY

Buckman OnSite

Process Monitor

Customer: Paper Demo Customer

Process: Packaging Process

Date Range: Last month (30 days)

From date: 08/20/2016 To date: 09/19/2016

Notifications

Alerts 0 Comments 0 Controllers 0

No alerts for the selected process and date range.

Measurement	Last Value	Units	Date Time	Min	Max	% in Range	Trend
Paper machine production	42.6	TPH	9/15/2016, 2:00 PM	40.9	43.1	100	
Paper machine speed	1,866	ft/min	9/15/2016, 2:00 PM	1,837	1,892	100	
Last section steam	96	psi	9/15/2016, 2:00 PM	95	97	100	
Press draw	51	FT	9/15/2016, 2:00 PM	51	56	0	
Headbox pH	6.4	-	9/15/2016, 2:00 PM	6.4	6.5	100	
Headbox conductivity	2,450	-	9/15/2016, 2:00 PM	2,300	2,700	100	
Headbox ORP	No Data	-	-	-	-	-	-



**IT'S
HERE**

The powerful, all-new
Buckman OnSite[®]
remote process monitoring
system for pulp and paper.

With the latest cloud-based versatility and advanced features, this unique portal and data dashboard interface now offers you unmatched visibility into your data, so you can have unprecedented power over your processes.

Buckman OnSite can help your mill save time, labor, chemicals, and money and bring a higher level of efficiency to your entire operation.

Easier
Faster
Smarter
BETTER

Buckman OnSite® is ready when you are, making sure vital information flows to everyone who needs it 24 hours a day, seven days a week. It gives you access to automated control data, manually entered data, safety data sheets and more, so you never have to wait for your representative to compile historical reports. But Buckman Onsite doesn't stop there. It's been designed from the ground up to enlighten and empower you like no other remote monitoring system can.

Easy Access

Buckman OnSite runs on a new cloud-based platform, so it's lightning fast, extremely versatile and secure. It supports seven languages. And it features a new responsive design, which allows easy viewing and use with a full range of

computers and devices, including smart phones and tablets. So superior process monitoring goes wherever you go. It also allows your Buckman representative to respond faster to alert issues.

Superior Process Monitoring

Buckman OnSite is brimming with new functionality to help you search data, manage information and discover potential problems early, so you can make adjustments sooner and reduce costly downtime. Advanced features include:

Robust Search Functionality

Find desired processes and measurements easily and quickly.

Alert Symbols

Easily detect and identify out-of-spec data.

Export Capability

Quickly export data to a spreadsheet for further analysis.

Comparative Graphing

Select two or more measurements to be simultaneously charted—with a shared axis or a separate axis for each measurement.

Notification Pane

Includes:

- Alerts—Easily see notifications of out-of-spec data.
- Comments—Quickly access process or measurement comments.

Effective Manual Data Management

Buckman OnSite helps you maintain and report on manually collected data and comments. And it makes importing and exporting historical data a snap. Advanced features include:

Comments Box

Make or view process comments, which are automatically propagated to online dashboards and reports.

Versatility and Precision

Measurement data values can be numeric or selected from a list of text values. Plus, numeric readings can be set for up to 10 decimal places.

Easy Importing

Easily import your existing historical data or current data from your DCS using a spreadsheet template to make transitioning to Buckman OnSite simple and worry-free.

Offline Tracking Capability

Exclude process offline periods to ensure accuracy of data reporting.

5-Day Window

Easily see, enter and compare manual data for five consecutive days.



**AUTOMATED
CONTROL**



CUSTOMIZABLE

Streamlined Document Management

Buckman OnSite[®] empowers your representative to serve you better, with advanced document management capabilities and features that include:

Document Integration

Your Buckman representative can quickly access Buckman Account Management Program documents that pertain to you from within OnSite for a higher level of customer service.

Access to SDSs

Through this document management system, you will have access to the most current Buckman Safety Data Sheets from your computer or mobile device.

User-Friendly Layout

Intuitive folder and document structure works well with both PC and mobile devices.

Easier Folder Search

Quickly search and locate documents within your Buckman Account Management Program root folder and sub folders.

Fast Response Times

Quickly navigate folders and download files.

Advanced Reporting

Buckman OnSite can generate advanced reports that can help make your entire operation more efficient, including:

Exception Reports

These reports notify you of alert conditions. You and/or your sales representative can configure which measurements to include on the report and define the conditions that trigger an alert. The reports can be emailed to you on a predefined schedule and as frequently as every hour.

Scorecard

Get a summary of defined critical measurements enabling you to compare the current week to the previous week.

Compliance

Take advantage of compliance monitoring across critical diagnostic and control measurements.

Summary Reports

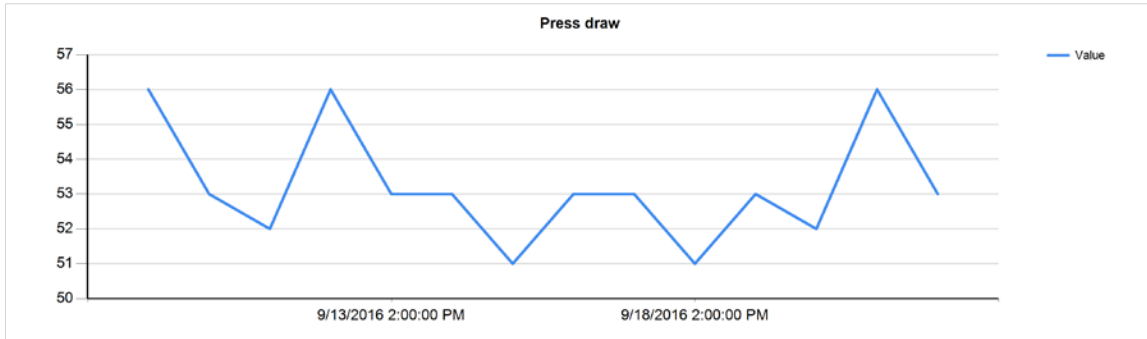
These provide a customizable overview of your process and measurements, with supporting line graphs and data points. Reports can be emailed to recipients on a predefined schedule.



REMOTE MONITORING

Packaging Process	Last Reading	Total Count	% Out	Hours	Minimum Value	Maximum Value	Low Critical Limit	Lower Limit	Upper Limit	High Critical Limit
Press draw	53 FT	23	100 %	528	51	56			40	
Freeness after refin	400 -	23	100 %	528	400	450		250	400	

Operator Comments:



Packaging Process	Last Reading	Average	Standard Deviation	Minimum Value	Maximum Value	Lower Limit	Upper Limit	Count Above	Count Below	% In
Paper machine production	40.90 TPH	42.20	0.69	40.90	43.10	0.00	90.00	0	0	100.00
Paper machine speed	1837.00 ft/min	1863.86	18.77	1837.00	1892.00	0.00	6000.00	0	0	100.00
Last section steam	95.00 psi	96.59	0.73	95.00	97.00	50.00	150.00	0	0	100.00
Press draw	53.00 FT	53.09	1.57	51.00	56.00	0.00	40.00	22	0	0.00
Headbox pH	6.50 -	6.43	0.04	6.40	6.50	4.00	8.00	0	0	100.00
Headbox conductivity	2700.00 -	2502.27	128.61	2300.00	2700.00	300.00	3000.00	0	0	100.00
Headbox temperature	126.00 F	125.32	0.47	125.00	126.00	90.00	160.00	0	0	100.00
Headbox consistency	0.70 %	0.72	0.03	0.67	0.77	0.30	1.00	0	0	100.00
Jet-to-wire ratio	0.99 -	0.98	0.00	0.98	0.99	0.85	1.20	0	0	100.00
Whitewater consistency	0.29 %	0.24	0.02	0.21	0.29	0.01	0.30	0	0	100.00
Sheet porosity	50.00 second	51.36	3.48	47.00	57.00	0.00	130.00	0	0	100.00
Sheet moisture	8.90 %	8.67	0.13	8.50	8.90			0	0	100.00
Sheet basis weight	35.30 lbs	35.20	0.17	35.00	35.50	18.00	90.00	0	0	100.00
Freeness before refining	500.00 ml	533.18	15.23	500.00	550.00	300.00	600.00	0	0	100.00
Freeness after refining	400.00 -	435.91	16.23	400.00	450.00	250.00	400.00	22	0	0.00

Operator Comments:

Buckman OnSite®

PAPER TECHNOLOGIES

Evolutionary Design

Buckman OnSite® isn't just designed to be the most advanced remote process monitoring system available; it's designed to stay that way. Built-in

versatility allows Buckman to add new features and capabilities on an ongoing basis, so it'll be on the cutting edge for years to come. And so will you.

Monitor, manage, and report like never before.

To learn more about Buckman OnSite, contact your Buckman representative or visit buckman.com. Start taking advantage of the remote process monitoring system that's easier, faster, smarter—better!



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Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including **NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE**. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. A1056H (08/18)

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