



## Get the most out of your fiber with Maximize<sup>®</sup>

**Gain the flexibility you need to control quality and cost in fine paper with Buckman's proven enzyme technology.**

Whether you want to lower your operational costs, improve sheet quality, or both, Maximize enzyme technology from Buckman can help you reach your goals and be more competitive. Our Maximize enzyme technology conditions fibers so you get the most out of your fiber mix, allowing you to use less expensive fibers, save energy and others costs, and gain a new level of flexibility you just can't get with traditional chemistries.

# Buckman Maximize<sup>®</sup> technology develops fibers... and your control over them.

Our Maximize enzyme products are engineered to treat specific fiber types, opening up fibers for optimal performance so less refining energy is needed to achieve the required specifications. You can rely on Maximize to help save money while improving paper quality.

## Save money

With Maximize you'll maximize your cost savings because our enzyme technology can:

- Increase fiber substitution
- Reduce steam consumption
- Reduce wet end chemistry
- Increase production

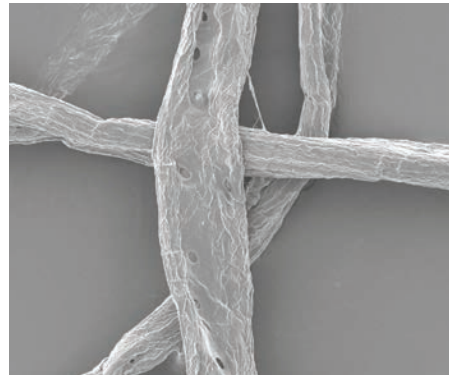
## Improve paper quality

Maximize works to enhance all of these sheet attributes:

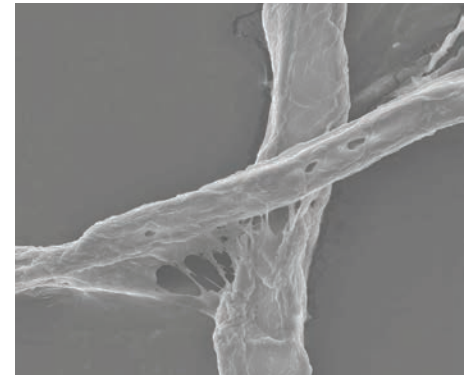
- Strength
- Formation
- Opacity
- Bulk

## Learn more

Get the versatility you need to control quality, cost, and a bigger share of the market. Find out more about Buckman's Maximize technology. Contact your local Buckman representative, or visit us online at [buckman.com](http://buckman.com).



Fibers before Maximize



Fibers after Maximize

## Case Study 1

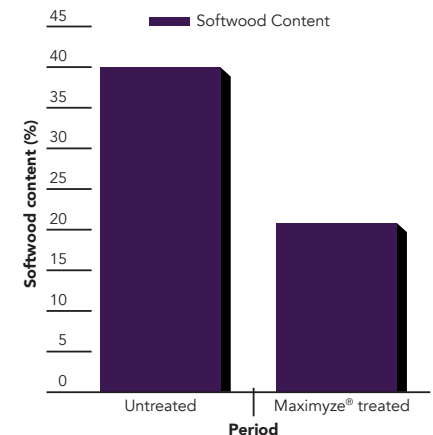
**Challenge:** A fine paper mill had a high refining load, which caused an excess of fiber cutting, fines generation, poor formation, low dewatering, and substandard runnability. The paper itself suffered from high porosity, high long fiber softwood consumption, and low ash content.

**Solution:** Buckman applied Maximize enzyme technology.

**Results:** Refining was reduced, saving energy and money. Drainage was improved, and machine speed was increased, enhancing productivity. Short fiber substitution increased with a significantly reduced need for softwood. And ash content was raised 1.5%. Best of all, these benefits were achieved while maintaining paper strength.

## Case Study 2:

### Buckman Maximize Application



This mill has reduced their softwood content by 50%. The resulting fiber cost savings has made the mill more cost competitive in the market.



Scan the QR code to see how this product works on fiber.

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