

## ACTIV Systems – ROLL HANDLING

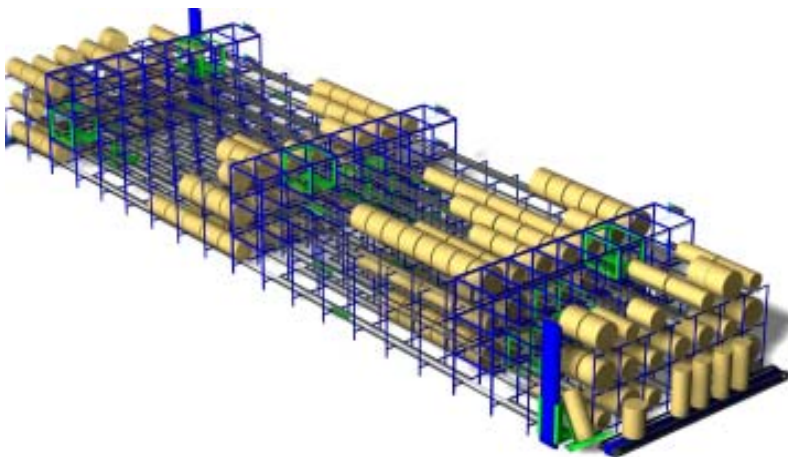
The North American pulp and paper industry competes with foreign companies that use more advanced material handling systems. Retrotech offers a proven automated material handling system that will reduce costs from labor and prevent roll damage.

The ACTIV roll handling system can reduce costs and increase throughput by automating the storage and retrieval process. It can also assist with sorting, staging, picking, and transport.

By allowing high-density dynamic storage, the roll storage can occupy a smaller amount of space while obtaining a maximum sequenced throughput. Facility space usage is optimized. The system can be built in an existing structure or a new facility. The ACTIV system's rack can support the surrounding structure to simplify construction.

Personnel costs are reduced when using an ACTIV system. Since storing, retrieving, sorting, and staging is automatic within the system, the number of personnel needed is less.

The number of times that rolls are handled will be significantly reduced meaning less clamp trucks are needed and the number of rolls that are damaged during handling is decreased dramatically.



ACTIV System Configuration



ACTIV System- Vertical Transfer  
Lift & Conveyor Interface

## Data:

Three ways to store rolls using the ACTIV system:

1. Upended Storage Captive Pallets: This method uses a similar pallet design for both work-in-process rolls and finished products so that both can be stored in the same system.
2. Cradle Handling: Allows for the greatest amount of protection reducing abrasion damage in transit and eliminating roll “flat spots”.
3. Bilge Handling: Allows for the greatest storage capacity. The system organizes storage so that rolls of varying diameters and lengths will be fitted in the same lanes. This allows rolls to be stored in a way that maximizes linear feet stored per square foot of facility

Weight Capacities: 3300 lbs. per load, 6600 lbs. per load, 10000 lbs. per load. Systems requiring pounds per load that exceed 10000 lbs. will be custom built.

ACTIV Systems can handle all popular sizes and weights.

## Summary:

Modernize your roll handling process by implementing an ACTIV system. Space usage will be maximized. You will have fewer costs by reducing personnel and equipment. The number of rolls damaged during handling and transportation will be all but eliminated. The system can be designed to meet your specific roll handling needs.



Bilge Handling

## **RETROTECH, Inc.**

610 Fishers Run • P.O. Box 586 • Fishers, NY 14453-0586

**Phone** (585) 924-6333 **FAX** (585) 924-6334 **E-Mail** [info@retrotech.com](mailto:info@retrotech.com) **Web** [www.retrotech.com](http://www.retrotech.com)