



**Applied Motion**  
SYSTEMS

# CORE CLEANING

Automated paper core cleaning  
for converting operations



## The Challenge

**Converting Operations aren't often built with core cleaning in mind.**

Spent cores need cleaning for reuse, but the available space is whatever's left over after everything else was installed. Low ceilings. Narrow aisles. Active equipment nearby. Off-the-shelf solutions don't fit, and manual slabbing creates real safety exposure for your operators.

[READ THE CASE STUDY](#)

## Key Capabilities

- Handles spent cores and full cull rolls, any width, any diameter
- Adjustable cut depth and blanket length optimizes broke size for your repulper or baler
- Air knife or scrubbing roll final clean, cores return directly to the paper machine damage free
- Contrast sensor verifies paper removal, triggering additional scrubbing only where needed
- Laser sensors detect bell mouth damage and flag cores before reuse
- Eliminates saw scoring, extending core life and reducing replacement cost
- Safety scanner integration for forklift and AGV coordination
- Rockwell GuardLogix safety PLC, the platform your maintenance team likely already knows
- 24-hour emergency phone support included in year one

## Operator Safety

Eliminates manual slabbing, the repetitive, blade-intensive task responsible for lacerations and ergonomic injuries across tissue and paper operations.

## Compact by Design

Designed with as much as 36 inches of floor clearance beneath an active conveyor. Purpose-engineered for low ceilings, tight footprints, and active forklift aisles.

## Proven Track Record

Better than 99% uptime since first deployment in 2017. Nearly a decade of continuous operation. That's what we build for.

***We engineer to your space,  
not the other way around.***

One installation runs with 36 inches of clearance beneath an active conveyor. Another uses a 30-inch infeed elevation for direct AGV delivery. If your space is difficult, that's exactly what we design for.