



# Automatic Guided Vehicles for Tissue Plants



# For All of Your Tis

## PAPER MAKING

- Roll pick-up at the paper machines
- Interface with plant equipment
- Delivery to converting lines
- Return cores to paper machine



## PARENT ROLLS

### S T O R A G E

- Stacks rolls 3 levels high
- Supplies delivered to hold area
- Deliveries to fireroll area
- Roll tipping included; no downender/upender required



## BENEFITS

- Reduced Labor Costs
- Greatly Reduced Paper Damage
- Improved Efficiency
- Improved Safety
- Improved Flexibility
- Improved Material Accountability





# Issue Handling Needs



## CONVERTING

- Delivers paired (A & B) rolls
- Delivers boxes (KDF) to case packing machine
- Removes broke, waste and cores



## FINISHED PRODUCTS

- Storage/retrieval in warehouse
- Delivers pallets to staging lanes or directly onto the trailer
- Movement from palletizer to stretch wrapper

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## PALLETIZING & SHIPPING

- Delivers pallet stacks to palletizer
- Delivers stretch wrap, slipsheets and labels to packaging machine
- Loads standard trailers automatically



## A Variety of Tissue Handling Solutions

At JBT, we provide more than products – we provide solutions. We will supply the appropriate AGV system for your application and business needs.

### Simulations

In order to optimize tissue movements, JBT can create a computer model of material flow. This simulation accurately predicts what can be expected of the AGV, regardless of movement intricacy. Both simple, A-to-B movements and fully integrated, complex systems can reap benefits from the simulation process.

### Scalability

At JBT, we understand that automation is not one-size-fits-all, which is why we offer a range of system options. If you'd like to automate simple A-to-B movements, we can provide a stand-alone AGV. However, if your automation goals are more complex, we can also supply fully integrated systems, controlled by our SGV Manager software and compatible with your business systems (ERP, WMS, MES, etc.). Our range allows customers to start simple and expand in the future.

### Scalability

Automation with JBT robotic vehicles has always provided safe, precise, on-time delivery of materials in manufacturing and warehousing. Our commitment to the AGV industry shows in our dedicated customer service and innovative approach to system solutions. With this experience and our range of options, JBT will minimize your total cost of ownership and maximize your return on investment.



[www.jbtc-agv.com](http://www.jbtc-agv.com)



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