

Automatic Guided Vehicles For the **Printing Industry**



Integrated Solutions For All of Your Print Handling Needs...

As the printing industry undergoes unprecedented changes, one thing remains constant - efficient production facilities with the flexibility to respond to changes, will rise to the top. Automated movement of raw materials, work-in-process, and finished goods by JBT Corporation Automatic Guided Vehicles is the solution to maximize productivity while eliminating product damage. Join the growing list of printers that have improved their bottom line with automatic guided vehicles.

Serving applications throughout your entire printing operation:

Paper Warehouse

- Pick up and identification of rolls at receiving
- High density storage and retrieval of rolls
- Transport of reels to/from prep stations

Reel Room

- Transport from reel prep to buffer storage
- Storage and retrieval into multilevel intermediate rack positions
- Handling of partial and butt rolls
- Delivery of reels to presses from buffer storage

At the Presses

- Automatic reel loading
- Removal of waste material and cores

Work-In-Process

- Just-in-time delivery of WIP pallets to point of use
- Transport of print reels from the press to storage
- Delivery of print reels to the bindery
- Handling of signature pallets from the pressroom to storage
- Delivery of signature pallets to finishing and bindery

Mailroom and Packaging Center

- Pick up and identification of pallets at receiving
- Storage and retrieval of pallets in multi level racking
- Delivery of pallets to point of use
- Pickup of pallets from palletizer and stretch wrap machines
- Staging of finished pallets at the shipping dock
- Automatic trailer loading

Roll Storage & Retrieval in the Warehouse



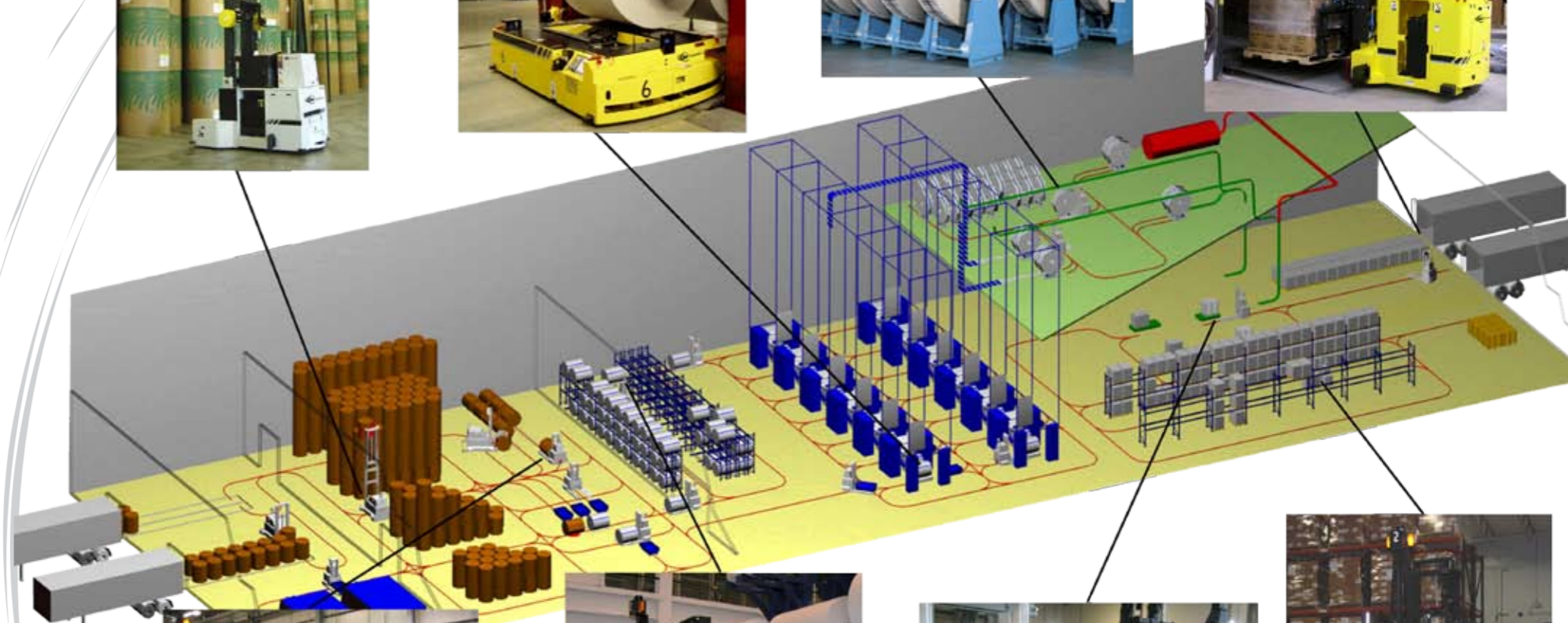
Roll Delivery and Loading at Reelstands



Work-In-Process & Print Reel Movement



Automatic Trailer Loading



Roll Delivery & Retrieval to/from Prep Stations



Roll Storage & Retrieval in the Reel Room



Pallet Handling in Storage & Packaging Areas



Self Guided Vehicle Benefits

Return on Investment

- Reducing labor costs
- Improving safety
- Reducing paper and building damage
- Improving production efficiency

Accountability

Track all inventory, material movement, and consumption:

- In the warehouse
- At reel prep, before and after stripping
- In laydown or rack storage
- En route while on SGV fleet
- At the press
- Work-in-process
- Deliver and track waste to be recycled

Experience

Dedicated to the unique demands of the printing industry with over 50 installations and over 25 years of successful operation.

Flexibility

- Laser guidance allows for quick & easy guidepath changes
- Ability to interface with a variety of equipment and software
- System can change as plant demands change

