



Quebecor World

Bindery Plant

## Commercial Print Application



### Description

This SGV System meets the specific transport needs of the storage and binding facility of this Commercial Printing Firm. Six (6) Laser Guided Outrigger Vehicles handle pallets to, from and within the bindery area.

The SGV2000 system:

- Collects signature pallets from the WIP power conveyor location in the warehouse for delivery to the binding lanes
- Collects pallets of finished goods from the output locations at the binding lanes for delivery to wrapper/strapper conveyors in the warehouse area

### Features

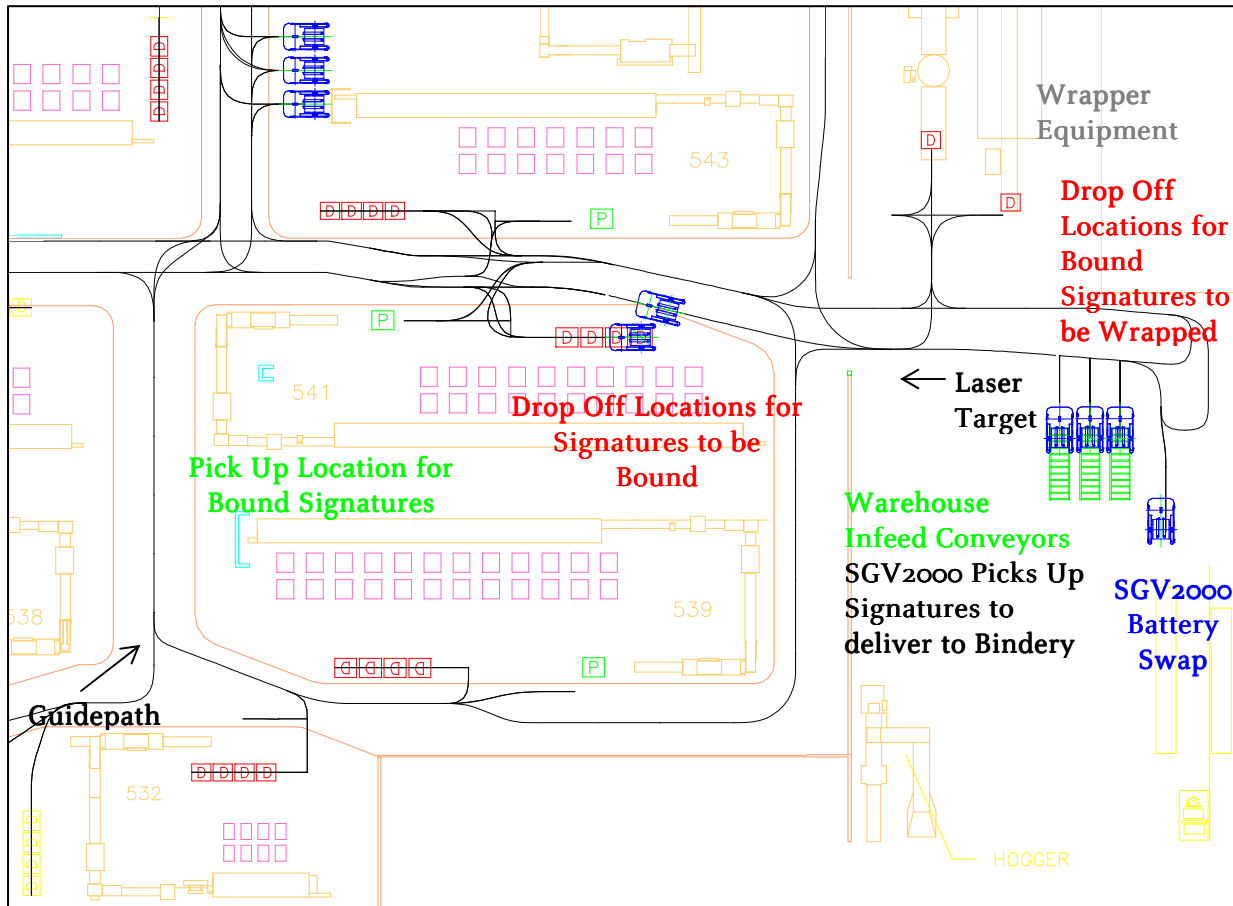
Date Installed:	1999
Vehicle Type:	Outriggers
Number of Vehicles:	6
Application Description:	Signature Delivery and Retrieval
Industry Description:	Commercial Printing/Bindery
Load Description:	4000 lb (1800 kg) Pallets
Guidance Method:	Laser
SGV Host Controls:	Windows NT®
Pick/Drop Type:	Powered Conveyors/Floor
Building Size:	150,000 Square Feet

In both the warehouse and the bindery, all material movement is managed and tracked by a Quebecor World Host Computer. This computer issues “move commands” to the FMCTI SGV Manager computer, which in turn directs the fleet of vehicles.

### Benefits

- Reduced Labor Costs
- Improved Safety
- Reduced paper and building damage
- Quick response to product handling needs saves time
- Improved production efficiency

## How the SGV200 System Works



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### SGV Manager (Server)

- Receives Work Requests Automatically from Plant Production System
- Assigns Work to SGV2000
- Monitors I/O status (Conveyor Load Status, Fire Door)
- Controls Traffic for SGV2000s



2 RF Modem

- Communicates Work Order to SGV2000
- Communicates with remote PC with Control Terminal for diagnostics (optional)



3 SGV2000

- Receives Work Request and Executes
- Reports Status to SGV Manager



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