

Features

System Location:	Brooklyn, Ohio
Vehicle Type:	Automatic Press Loader (APL)
Number of Vehicles:	9
Load Description:	Newsprint Rolls
Guidance Method:	Laser
Vehicle Capacity:	3,000lbs
Vehicle Speed:	260 FPM
SGV Host Controls:	Windows XP SGV Manager
Battery Charging Method:	Opportunity Charging (Fast Chargers)



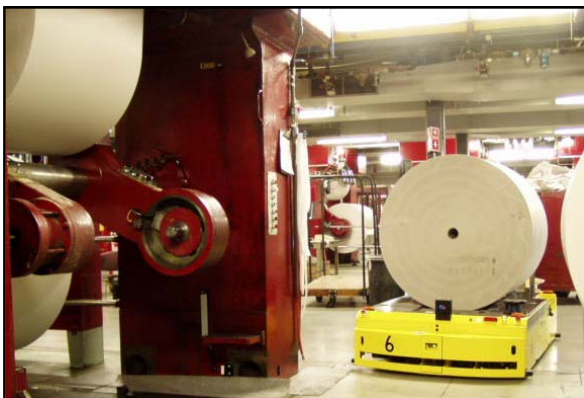
**Low Profile Automatic Press
Loading Vehicle**

Description

The JBT Corporation SGV system replaced an existing obsolete wire guided AGV System. The system includes nine automatic press loading (APL) vehicles which interface with the existing prep-stations, lay-down racking and reelstands. The vehicles automatically move stripped and pasted rolls of newsprint throughout the reelroom. Rolls are transported from two roll prep stations through lay down/buffer storage racks to thirty-two (32) reelstands at the presses. The low profile APL vehicles can “crab” sideways to automatically load newsprint rolls into the presses, and are capable of positioning rolls with extreme accuracy and reliability. Partial/butt rolls are also transported by the APL vehicles throughout the newsprint operation.

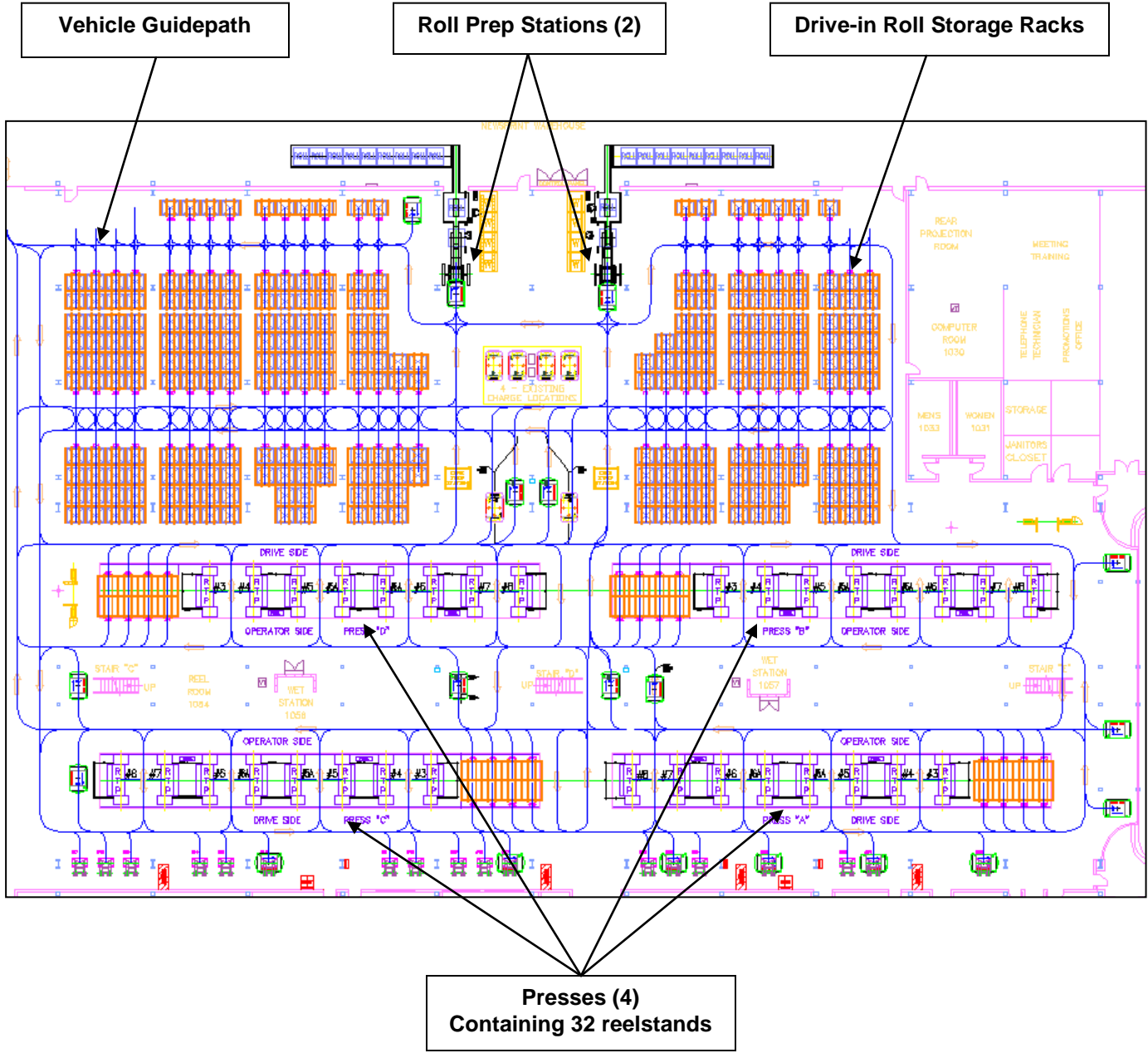
Benefits:

- System installed as a “drop in” to prevent interruptions to production.
- Eliminated bottle necks with an improved vehicle guidepath and traffic control.
- Vehicles operate with extreme accuracy which reduced roll damage.
- Improved roll/inventory tracking with JBT software designed specifically for newsprint applications.



In the above photos, the APL vehicle arrives with a roll at the presses and crabs sideways to load the newsprint roll into the reel arm.

Plant Layout



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