



## Automatic Guided Vehicles Optimize Uptime and Maintainability

### Features and Benefits

Increased Laydown Capacity

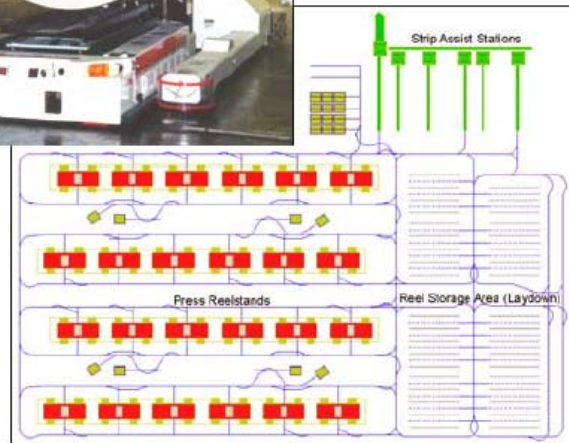
Automatic Reel Stand Loading

Reduced Paper Waste

Minimal System Supervision

Optimal Uptime and Maintainability

**Industry Group:** Automatic Guided Vehicle Systems (AGVS)



*14 Wire Guided Fork Styled Vehicles move rolls from strip station to either the press or roll storage and handle empty and full waste and core carts*

*24 Automated Press Loading Vehicles feed 48 reelstands to the four Press Newspaper Operation*

Newsprint rolls are unloaded and delivered to an infeed conveyor by a clamp truck. The rolls of paper are then weighed, bar code scanned, and stripped of outer wrapping at semi-automatic prep stations. Automated Guided Vehicles pick up the stripped rolls and deliver the newsprint to double high drive-in storage racking or to the press as directed by the host computer.

Wire-guided Automated Guided Vehicles pick up Newsprint rolls from the storage racking and deliver to the twenty-four Automated Press Loading vehicles.

The Fork Style Automatic Guided Vehicles place the Paper Rolls on the Automated Press Loading (APL) vehicles. The APL is a low profile, narrow width

vehicle that communicates with the AGV system's Host Computer. The Host sends instructions to the APL to raise or lower its deck. Precise deck positioning allows the Press to automatically chuck rolls and begin the paste cycle.

The Fork Style Automatic Guided Vehicles also pick up full waste and core carts and returns empty carts for use in the next press run.



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