



Automation Optimizes Paper Warehouse needs

Features and Benefits

Increase productivity and reduce plant labor costs

Flexible solution for changing product mix – storage areas can be for pallets or rolls

Safe, reliable method for storage and retrieval of paper rolls and pallets

Reduce roll and sheet damage caused by mishandling

Track roll and pallet inventory with no “lost” products in the warehousing areas

Industry Group: Automatic Guided Vehicle Systems (AGVS)



3 Roll Clamp vehicles stack rolls and 3 Counterbalanced Fork vehicles stack pallets

The system stores and retrieves paper rolls and pallets of sheeted paper in warehousing areas.

Roll clamp guided vehicles pick up paper rolls from the winder and stack them in the warehouse up to 4 levels high. When rolls are needed to fill a customer order, they are retrieved by the roll clamp guided vehicles and delivered to the reel dispatch area.

Some customer orders require the product in sheet form vs rolls. A “sheeter” cuts the paper to the required size and deposits it on a pallet. Forked guided vehicles pick up the pallets and store them in the warehouse. The pallets are stored up to three levels high, block stacked on top of each other without racking. When pallets are needed to fill a customer order, they are retrieved by the forked vehicles and delivered to the pallet dispatch area.

Inventory of both rolls and pallets is managed by the computer system. The system makes sure that loads are stacked safely with only the correct products being stacked at elevations. Rolls or pallets can be stored in certain areas warehouse to provide added flexibility.



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