Quad/Graphics Partners with Westfalia Technologies for Lomira Storage Project

Quad/Graphics of Wisconsin, is the largest privately held commercial printer in the world. Quad contracted with Westfalia Technologies to design, construct and install a high density storage system for its Lomira, Wis., facility. The Lomira facility will store three different styles of pallets — plastic USPS, plastic 9-block and a wooden internal pallet - without the need for slave pallets. The system is designed with two SRMs in each aisle, cutting the travel distance of the cranes in half. Coupled with center stationed in-feed and out-feed conveyors, this system will provide extremely high throughput rates.

The 42,005 pallet position, high density automated storage system measures 776’ x 92’ wide and 107’ high. The system will contain four storage retrieval machines and 1,600 linear feet of conveyors.

“The new high density storage system will enable us to streamline and expedite production by making our work-in-process more readily accessible,” says Tom Quadracci, the company’s President and CEO.

“Westfalia has installed similar systems all over the world and are renowned for their quality, flexibility and dependability,” says Bob Douglas, a master electrician with Quad’s Corporate Facilities. “This system will meet our needs for many years to come.”
Quad-Lomira AS/RS Specifications

Overall Dimensions
776' long x 92' wide x 107' high

System Features
4 Storage Retrieval Machines
1,600 Linear feet of conveyors
42,005 pallet positions
12-level rack system

About Westfalia Technologies
For 35 years, Westfalia Technologies has been a leader in providing material handling and packaging systems designed to support customer distribution and storage needs. Westfalia’s products include automated warehousing and auto parking systems, conveyor systems, conventional gravity flow and order selection systems, warehouse management systems, conventional and robotic palletizing systems and case packing systems with associated conveying, stacking and handling equipment.

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