

POWERSTOR™

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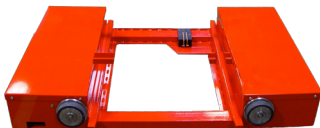
OVERVIEW

The PowerStor™ is the latest in high density, high performance automated storage and retrieval technology. The system is comprised of pallet handling carts and vertical lifts that together provide the capability for the rapid storing and staging of large quantities of any size pallet in any space.

BENEFITS

- ✓ Increase storage capacity up to 60%
- ✓ Reduce operating costs
- ✓ Reduce utility costs - as low as \$.01/move
- ✓ Ideal for existing low-ceiling spaces
- ✓ High throughput - up to 400 moves/hr per module
- ✓ Ideal in freezer facilities

COMPONENTS



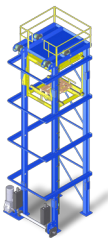
AISLE WAY CART (AWC) up to 736 FPM / 3,000 lb weight capacity

The AWC is an AC operated pallet handling cart that travels on a set of rails within the rack in a PowerStor module. The AWC is coupled with the Row Rail Cart to store and retrieve pallets within rows of storage in the rack. The AWC positioning is done using a bar code scanner and continuous barcode tape along the aisle.



ROW RAIL CART (RRC) up to 120 FPM / 3,000 lb weight capacity

The RRC is a battery operated cart that travels on a set of row rails within a row of the PowerStor module. The RRC is moved to the appropriate row position by the Aisle Way Cart, and recharges while on board the AWC. The RRC positions itself in the row with an encoder and communicates via wireless ethernet link.



VERTICAL LIFT DEVICE (VLD) 3,000 lb weight capacity

The VLD transfers pallets between levels of storage and interfaces with a variety of input or take-away devices within the PowerStor module. A pallet is exchanged between the VLD and Aisle/Row Cart Pair using a powered transfer station. The VLD is capable of moving up to 120 pallets per hour and has the ability to interface with multiple storage modules.

MORE INFORMATION

PowerStor
PowerStor video overview (5 min)
PASWare
PAS Website

products-powerstor.htm
movie-05.htm
products-pasware.htm
www.powerautomationsystems.com