

Shire Pharmaceuticals, North Reading, MA Warehouse Renovation

Shire plc, the global specialty biopharmaceutical company, focuses its business on attention deficit and hyperactivity disorder, human genetic therapies and gastrointestinal diseases.

One of the company's business units, Shire Human Genetic Therapies (HGT), had the goal of consolidating various storage areas under one roof while gaining better control of their inventory management. Products are stored in racks, freezers and refrigeration units and packaged for shipment to other Shire facilities.

Abel Womack team members reviewed Shire's requirements and provided the initial design and equipment to meet those goals.

Our solution included:

- Unarco rack that held 2000 pallets worth of product.
- Raymond lift trucks including wire guided swing reach trucks, a reach truck, walkie reach trucks, orderpickers, powered and hand pallet jacks.
- 800 feet of guard rails for pedestrian safety in the aisles.
- Orion stretch wrapper for pallets.

GMP (Good Manufacturing Practice) compliance and integrity of the product was a serious design consideration. The stand alone freezers where drug substance is stored (140' x 28') are in a caged area. There were also 3 additional wire fenced areas for storage.

Project Key Features

Challenge

- New storage and shipping processes required larger and better equipped warehouse to meet goals.

Abel Womack Solution

- Rack, lift trucks, and stretch wrapper that efficiently stored, wrapped and shipped the products.

Benefits

- More storage space.
- Better control of inventory input and output.

Building Size: 70,000 SF

Completion Date: 2009



Raymond lift trucks and an Orion stretch pallet wrapper are used (stock photos) to store and move product more efficiently.

Guard Rails for Safety