



The James Cancer Hospital and Solove Research Institute

Matot cart lifts enhance food service at state-of-the-art facility

As part of The Ohio State University Comprehensive Cancer Center, the James is both a nationally ranked academic medical center and a freestanding cancer hospital. Situated on the campus of one of the nation's largest public universities The James is the largest cancer hospital in the Midwest and the third largest in the nation. A recent expansion completed in 2014 added 420 new beds to expand the availability of high quality healthcare. This expansion will allow The James to meet an expected 21 percent increase in admissions over the next ten years.

Matot was identified early in the design of the new building by HOK Consulting and Turner Construction as a key supplier of cart lift equipment. The Matot cart lifts are the perfect addition to a hospital that was designed on the premise of efficient material flow to better serve its patients. The inclusion of cart lifts, rather than traditional

freight elevators, permits the kitchen and nursing staff to remain at their respective workstations while food is transported unaccompanied to a specific floor. Additionally, dirty dishes and food trays can be returned to the kitchen level without risking contamination of the building's passenger elevators. Although kept busy throughout the entire day, the Matot cart lift equipment runs at a near 100% duty cycle during the busy meal hours at the hospital.



Bank of three cart lifts

For this installation, a bank of three identical 500 pound capacity cart lifts running at 300 feet per minute were custom designed to each provide food service to 12 patient floors. These lifts and UL fire rated doors are built from 304 stainless and feature automatic call and send features along with power doors and gates. Drawbridges within each car allow for the easy loading and unloading of custom designed food carts. The professionally installed equipment provides a continued return on investment through labor cost saving efficiencies as it assists this advanced hospital with reliable food service.



Cart lift interior

CHALLENGES

- Reduce Labor Cost of Food Service Within Hospital
- 12 Patient Floors Requiring Continuous Food Service
- Near 100% Duty Cycle Requirement of Equipment
- Increase Material Flow Efficiencies
- Keep Staff at Work Stations

MATOT SOLUTIONS

- Custom Designed Cart Lifts
- Power Door Operation for Unattended Service
- Increased Efficiency of Kitchen and Nursing Staff
- Immediate Return on Investment Through Labor Savings

Matot Dumbwaiters and Lift Solutions is the premier commercial dumbwaiter manufacturer in the USA. Our dedicated and knowledgeable sales team can be reached at sales@matot.com.

MATOT INC.

2501 Van Buren
Bellwood, IL 60104
800-369-1070
www.matot.com