

John Muir Medical Center Walnut Creek Campus

- ◆ 324-bed acute care facility
- ◆ Designated as the only trauma center for Contra Costa County and portions of Solano County
- ◆ 9777 Case Carts Delivered for Surgical Procedures in 2006
(Main O.R. + Labor & Delivery)
- ◆ 115,802 Items Sterilized in 2006



CPD Space and Inventory Issues

- ◆ CPD was *running out of floor space!*
- ◆ Wire storage shelves were antiquated and at maximum holding capacity.
- ◆ Without updating, CPD would become unable to meet the increasing needs of the OR to add instruments and supplies safely and efficiently.
- ◆ Due to volume of inventory wire action shelves were becoming extremely heavy and there was a danger of becoming overloaded
- ◆ Need to prevent potential staff injuries to back, shoulder, elbow and wrists.
- ◆ Continual need to add more technologically advanced surgical instrument systems.

Space and Inventory Issues

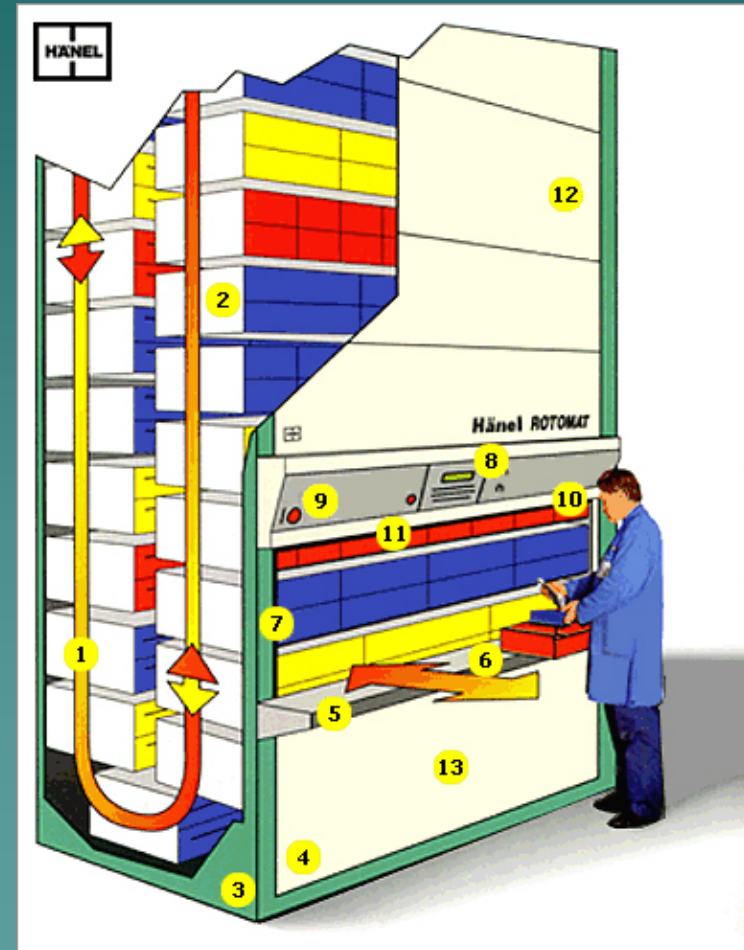
Continued

- ◆ CPD needed a way to better control and manage valuable implant storage for (9) vendors as well as update reporting and management processes to better identify the true value of implant inventory.
- ◆ Projected **\$1.2 Million** needed for CPD Expansion!



What is Hänel Rotomat?

- ◆ *It is a total turnkey solution for a complete automated storage and retrieval system.*



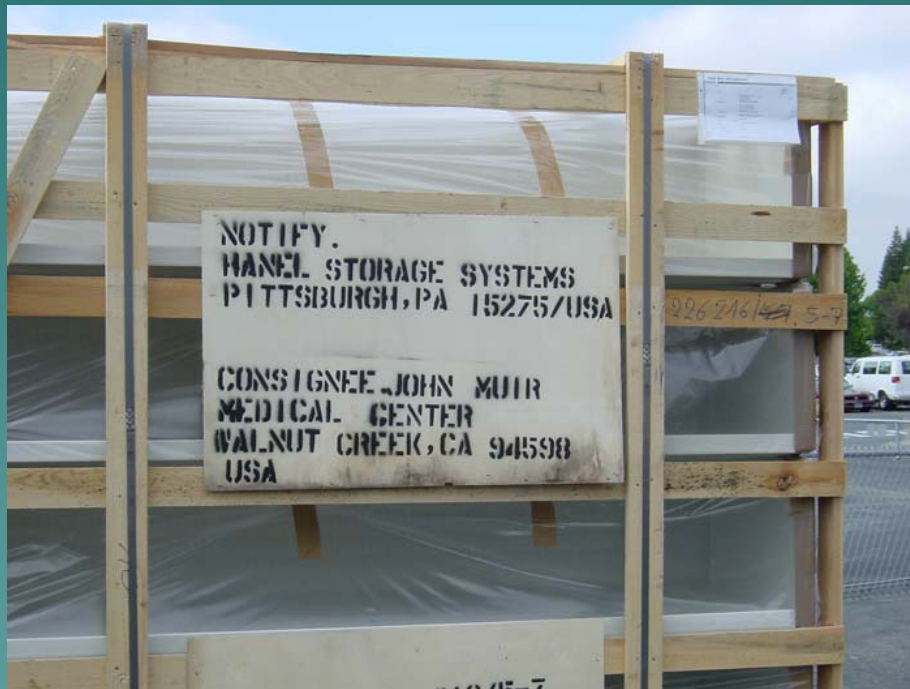
What does Hänel Offer?

- ◆ Hänel Rotomat tailors the interior storage to the most varied of requirements.
- ◆ Hänel Rotomat looks after thousands of individual items in an orderly and protected environment - ready for retrieval at the touch of a button.
- ◆ Hänel Rotomat provides an innovative Local Network and Internet Capabilities.
- ◆ Software currently used by CPD (T-Doc and McKesson) can work effectively with the Hänel storage systems.
- ◆ “Goods to user” is the motto, not user to goods.
- ◆ The required items are brought to the ergonomic retrieval height at the touch of a button!
- ◆ Safety is of paramount importance. No climbing of ladders; greatly reduced danger of accidents!

From Germany to Port of Oakland

Hänel Arrival

D-Day!



Each Hänel wall weighs 800lbs!



Watch out for your toes!



Hänel unit takes shape



How did we manage the project?

**It was with
Exceptional
Team Work!**



**After three weeks
our accomplishments
are realized!**



From This....



To This!



From a Maze...



To Amazing!



ENTER
ARTICLE NUMBER OR
☐± / ↓ / X? / Y? / i / ♀

MATCH CODE SRCH FOR ARTICLE NAME
ARTICLE NAME SORTED
MAJOR INSTRUMENT SET
MAJOR VASCULAR INSTR

[↑↓/8/CE/←]



From narrow and Cramped...



To Organized, Safe and Efficient



Valuable Implant Inventory Storage From this...



To This!



Hospital and Department Benefits:

- ◆ The \$1.2 million cost of expansion for John Muir CPD is eliminated.
- ◆ Organization of inventory enhanced by a single storage location with ergonomic, easy order picking capability and computer controlled access.
- ◆ Search, travel and pick times are reduced by enabling the operator to pick items from a central location.
- ◆ Over 60% more storage capacity!
- ◆ Inventory control is dramatically improved with Hänel automation.
- ◆ Valuable Implants managed in a controlled surrounding.
- ◆ A safer employee work environment.
- ◆ Optimum use of storage volume, due to height-optimized storage!

Thank You!



John Muir Central Processing Department

"Sterility is our Business"



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