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To continually examine our processes to provide greater value to our customers without waste.

## The Lean Line



## Saving Space in the Sunshine State

Our Grunau office & shop area in Orlando, Florida went through a remodel in 2006, and they applied some Lean principles to maximize their space and efficiency.

One area that stands out is their long-term storage. When a nearby shopping mall was going through some demolition, Grunau happened to be doing a walk-through and noticed the jobsite had a rolling rack file system. The Contractor said they planned to toss away the racks during the demo, unless we wanted to buy the system from them. With our positive working relationship, we was able to contact another person at the site who said we could have the system for free if we pulled it out within 5 days before demo began.

Other than our labor to remove the system and reinstall it at the Grunau office, we received approximately \$12,000 worth of racks. Besides the rolling files, some of the extra racks were used in the shop for additional material storage. Thanks to the several Orlando team members who were instrumental in putting the racks in place and making the file system work.

Before the remodel, a full room was filled with file boxes; plus boxes were stored in the mezzanine area out by the shop. By using the rolling system, file boxes are stacked in much less real estate and are all in one room now. It's estimated we saved approximately 2,000 square feet of space by using the rolling files and there was enough space in the file room to add a conference area for the Service Dept. Additionally, the rolling system is ergonomically advantageous since people no longer have to pull boxes down the steps from the mezzanine and the files are easier to find with clear labeling and maps on the end of each rack row. Below are some pictures of this space-saving file system.



Rolling Rack System 1



Service Conference Room 1

Map of File Boxes on 1 Rack →



File/Conf Room Combination ↑

