## Goodwill Laundry and Linens

Providing Eco-Friendly Healthcare Laundry & Linens Services in South Florida



"The laundry project will definitely establish us as a leading force in the implementation of environmentally friendly solutions. It will make us doubly proud of our unique Management Systems that deliver consistent quality, reliability and service at fair market prices."

Dennis Pastrana, Goodwill President and CEO



## **Mission Statement**

Goodwill Industries of South Florida is non-profit organization dedicated to training, employing and placing people with disabilities and special needs in community jobs so they can successfully transition to independence.

We will be dissatisfied with our work until every person with a disability and every unfortunate person in our community has an opportunity to develop to his fullest usefulness and enjoy a maximum of abundant living.



Goodwill Industries of South Florida revealed on August 2013 a new \$14 million state-of-the-art hospital laundry plant located at 6201 NW 36th Ave. in Miami, FL. The facility will have the ability to employ 200 individuals; serve hospitals and other health industry facilities of all sizes processing 40 million pounds of laundry each year by running double shifts when operating at full capacity, providing eco-friendly healthcare laundry and linen services in South Florida

This laundry is the most modern high-tech plant of its type in the nation with a high level of energy efficiency and features many safeguards—such as

backup generators – to ensure a smooth operation under adverse conditions, even during and after hurricanes. It has been built following a blueprint with the latest technologies and innovations, and its advanced automation will help streamline production and provide a major competitive advantage in quality, efficiency and price.

Besides servicing the larger hospitals, the facility will feature a parallel system of washing and drying equipment to process smaller contracts such as those from rehabilitation centers, neighborhood clinics, nursing homes, assisted living facilities, and hospitals with fewer beds. This dual washing line will help maintain the same cost-effectiveness and efficient service enjoyed by high volume customers.

The 50,000-square-foot processing plant is separated into a clean and a soil/soiled side. A computerized system of belts and hanging bags moves the sheets, blankets, patient gowns, pillowcases and hand and bath towels from the truck-sized washers in the soil/soiled section to the 10 dryers in the clean section.





The Laundry Division of ARCO/Murray retrofitted the existing warehouse building to accommodate new Milnor washroom equipment, Chicago Dryer Co. finishing equipment, and E-Tech soil and clean rail systems, all provided and installed by Miami-based distributor Steiner Atlantic.



Two 240-pound barrier washer-extractors—teamed with four 120-pound gas dryers, all from Milnor—enable the operation to run express loads, rewash, stain and other specialty formulas as required.

But the workhorses of the operation are the two 8-modules, 150-pound Milnor Pulse Flow Tunnels (PBW<sup>TM</sup>). They're each capable of processing up to

4,700 pounds an hour, and

are expected to save Goodwill 15 million gallons of fresh water.

The tunnels are loaded with an E-Tech overhead rail system automatically calling for paired slings (like goods); this sequencing ensures the proper mix of goods is processed to maximize flow to downstream finishing areas. Two 56-bar extraction presses and 10 pass-through dryers with 200-320 pounds of capacity, also from Milnor, round out this part of the system.





Adequate rail space is provided to accommodate 21,000 pounds of clean linen storage, folder, and hand-folding station. The clean-side storage system includes 70 slings and trolleys at 300 pounds capacity each.

Large-piece iron-dry slings are staged directly on two storage rails at the two Chicago® Cascade linen separators. Small-piece iron-dry slings are directed to the dedicated small-piece ironer.



Three Chicago® flatwork ironing lines each include an Edge Maxx corner less spreader-feeder, FasTrak spreader-feeder and a Rapid Feed with vacuum for small-piece feeding. Sheets and small-piece goods are automatically processed through three 2-roll, 52-inch Powerhouse self-contained gas-heated ironers. Sheets are folded, stacked and delivered to a main conveyor through two Skyline automatic folders, and small pieces are folded and automatically stacked on a Skyline SP-4 ready for

delivery onto a main conveyor.

Equipment to process fully dried goods includes two Blanket Blaster folders, three Skyline Mini folders for knitted fitted sheets, six Chicago Air Express high-speed folders, and a Chicago Air XL for large items.







Kemco water systems, Cleaver-Brooks boilers, and Ingersoll Rand air compressors were installed in the new mechanical room.



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## **Management Team**

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