



ZCS Phoenix System features:

- ▶ Automatic hands-free opening door UHF equipped
- ▶ Door equipped with soft touch return if blocked
- ▶ Opening and closing times are programmable
- ▶ UHF antennae's are mounted inside the door. Eliminates hallway obstructions



Why purchase a ZCS Automated Uniform System?

- ▶ Utilizes 50% less back of house space vs. conventional locker rooms.
- ▶ Large reduction in GFA (Gross Floor Area) and construction costs
- ▶ Safe, quiet and long service life
- ▶ Effective use of uniform room space
- ▶ Minimize labor needed for uniform operations
- ▶ Rapid ROI
- ▶ Shorter wait time for uniform distribution 15-20 seconds vs. manual systems taking 2+ minutes
- ▶ Accurate tracking of uniform inventories and related costs

Uniform Issue process: (Simplified)

- 1) Employee is hired and issued an ID
- 2) They go to the uniform area and are issued their uniforms and a location on the Phoenix system
- 3) This is recorded in the uniform management software
- 4) They are instructed to go to a specific machine and demonstrated the process
- 5) They then go to pick up their uniforms
- 6) They swipe their ID card and the machine rapidly delivers their location
- 7) The automatic hands free door opens and they take their fresh work clothing
- 8) They go to the changing room.
- 9) At the end of the shift and they drop soiled clothes in one of the return chutes which is noted by the UHF system



ZCS Phoenix System features:

▶ Enclosed Track Drive System

- ▶ Average delivery is 10 seconds
- ▶ Typically 25 percent faster than competing systems
- ▶ Safe and Quiet
- ▶ Clean- No oil or dust
- ▶ No Plastic garment bags to cover uniforms (environmental waste)
- ▶ Lubricated for life
- ▶ Calculates quickest delivery time



▶ Virtual Server and PLC machine control

- ▶ Integrated load station
- ▶ Multi-Lingual
- ▶ Remotely accessible for upgrade or repairs
- ▶ Manual control capability



ZCS Phoenix System features:

- ▶ Multi Lingual Employee Interface.

- ▶ All access card methods available

- ▶ Barcode
 - ▶ Proximity
 - ▶ Magstripe

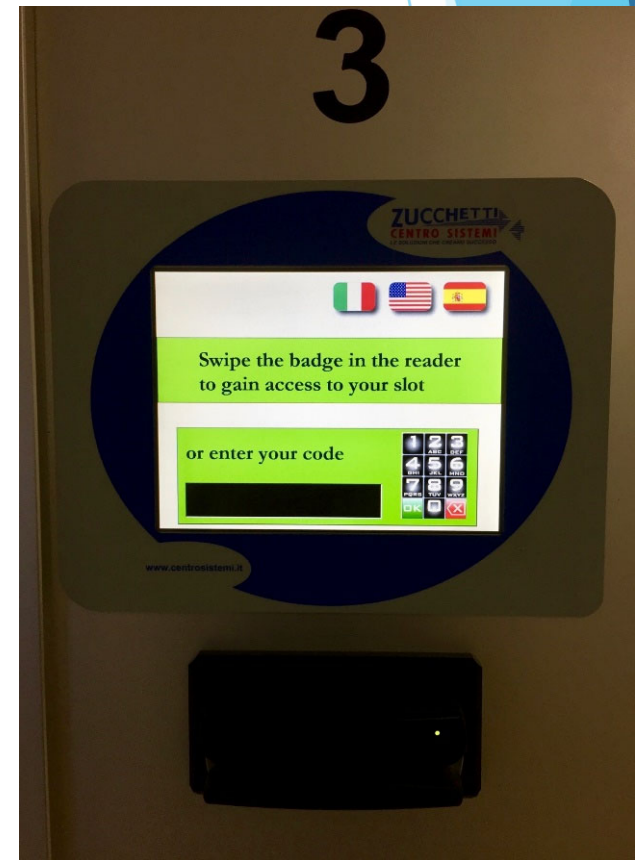
- ▶ Fingerprint scan optional

- ▶ Keypad entry if needed

- ▶ Heavy duty touchscreen

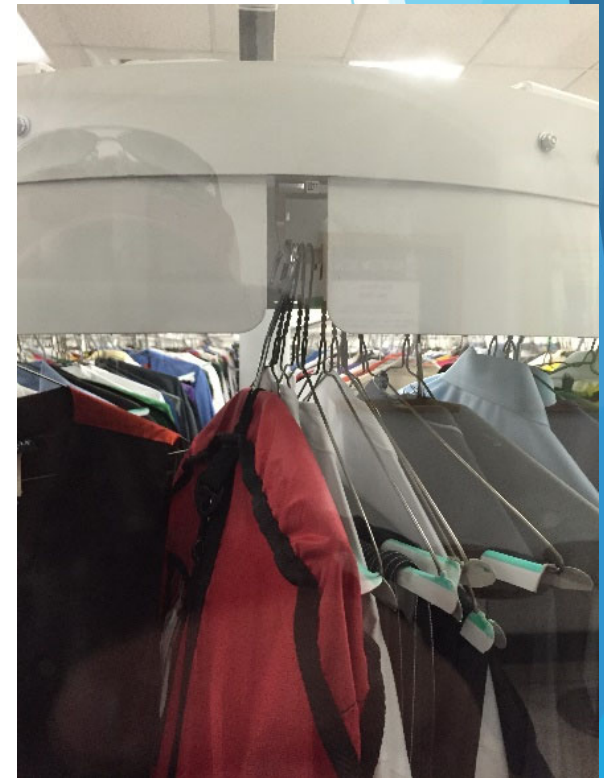
- ▶ Languages examples

- ▶ Chinese
 - ▶ Korean
 - ▶ Spanish
 - ▶ French



ZCS Phoenix System features:

- ▶ Secure Garment Delivery Gate
 - ▶ Only one employee position available when uniforms are delivered
 - ▶ Secure and quiet
 - ▶ Properly located close to delivery door
 - ▶ No air cylinders required
 - ▶ No downtime from compressor failure
 - ▶ No potential injury points from plungers
 - ▶ More reliable and longer lifetime



ZCS Phoenix System features:

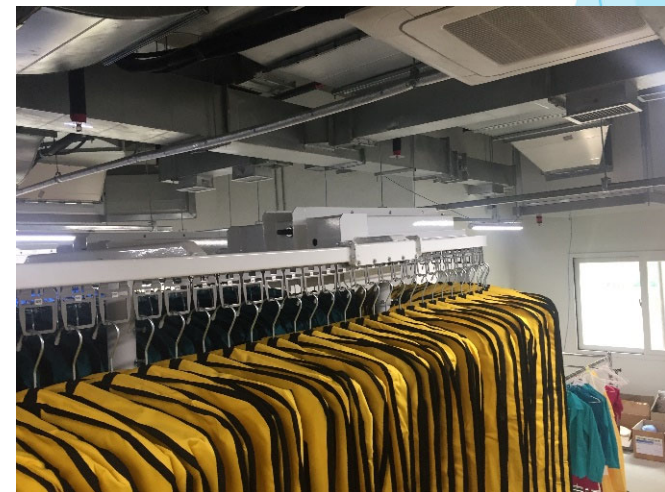
- ▶ 31 M/Minute speed 15-25% faster than other products
- ▶ Inline drives for smooth operation
- ▶ Inverter controlled
- ▶ Soft start Anti-Jam control
- ▶ Bolt together laser welded system





ZCS Phoenix System features:

- ▶ Electro polished interior of the track
- ▶ Steel Carriers (Long life)
- ▶ Lifetime lubricated wheels
 - ▶ Low particulate
 - ▶ No grease build-up
 - ▶ Rust free
 - ▶ Prevents inventory from being damaged
- ▶ 100Kg./M 72 Lb./Ft. load bearing
- ▶ Smooth and safe operation



ZCS Phoenix System features Manual Chain Take-Up for system tensioning in less than 15 minutes.



UHF Soiled Garment Return Chute Options



- ▶ UHF Return System for the acceptance of soiled garments
- ▶ Transmits automatically to the uniform management system.
- ▶ Multiple formats available
 - ▶ In-wall return with cart
 - ▶ Cart scanning version only
 - ▶ Clean garment rack scanning
 - ▶ Custom dimensions available

ZCS Phoenix System features:

- ▶ UHF-RFID integration
 - ▶ UHF antennas integrated into the conveyor system
 - ▶ Real time tracking on entries and withdrawals
 - ▶ Real time conveyor inventory status
 - ▶ Rapid loading of clean uniforms
 - ▶ Easy assignment of uniforms to users
 - ▶ Rapid laundry tracking in and out of the facility
 - ▶ Employee accountability
 - ▶ Compatible with DataMars, Fujitsu and



Uniform Management Software features:

- ▶ User Friendly data entry
- ▶ Real time tracking on entries and withdrawals
- ▶ Standard and custom reports available
- ▶ Real time conveyor inventory status
- ▶ Rapid loading of clean uniforms
- ▶ Easy assignment of uniforms to users
- ▶ Rapid laundry tracking in and out of the facility
- ▶ Employee accountability
- ▶ Compatible with DataMars, Fujitsu and other UHF chips