



The worldwide **Conveyors** of automated garment sorting, storage & retrieval.

## Mercury<sup>SM</sup> Automated Order Assembly System (AOS)

Requires only one operator

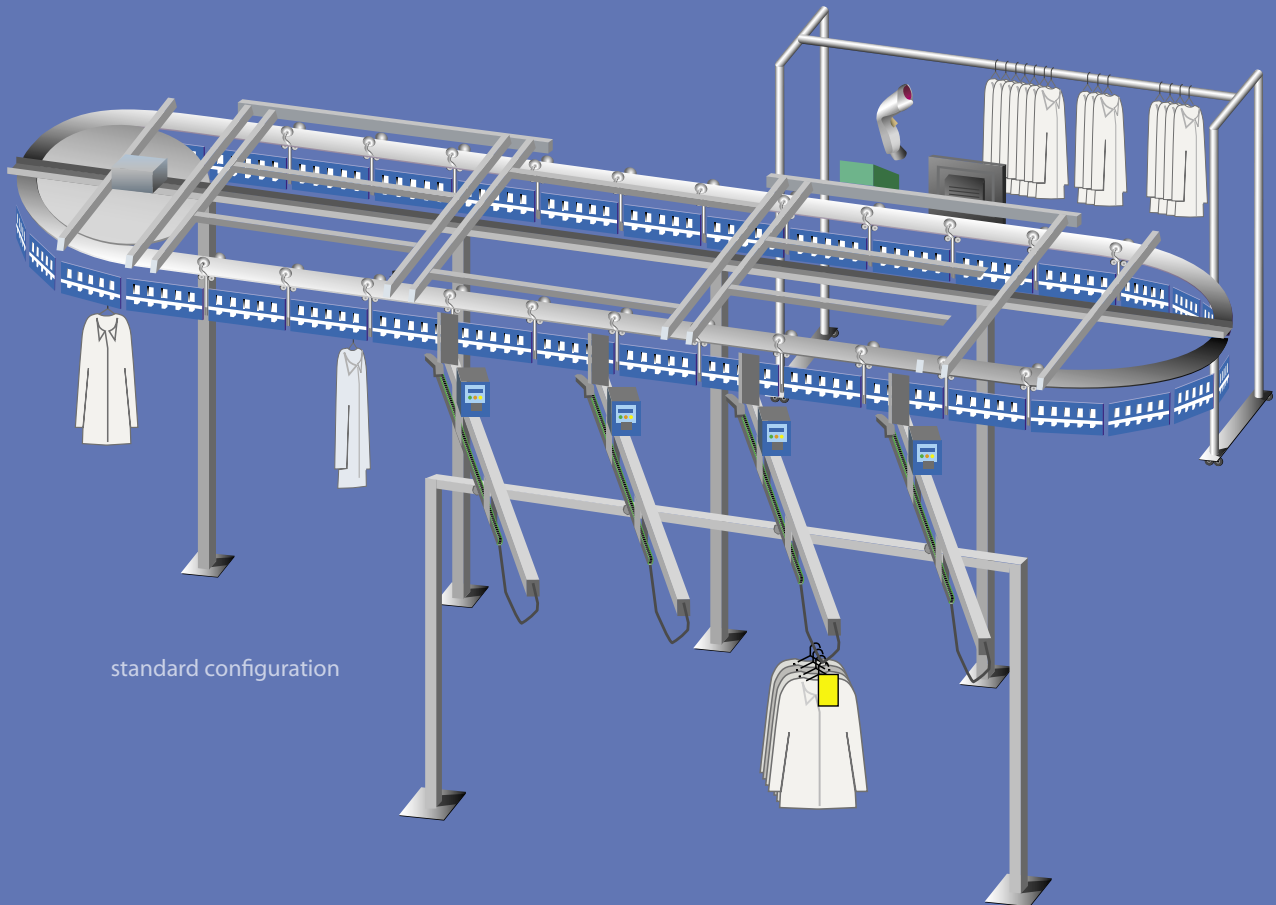
Load up to 600 pieces per hour

Assemble up to 150 orders per hour  
(4 pieces per order)

Easy to use, robust software

Integrates with all POS systems

Four drop stations are standard



# Automatic assembly of customer orders has never been easier - or faster with White's Mercury<sup>SM</sup> Order Assembly System (OAS)

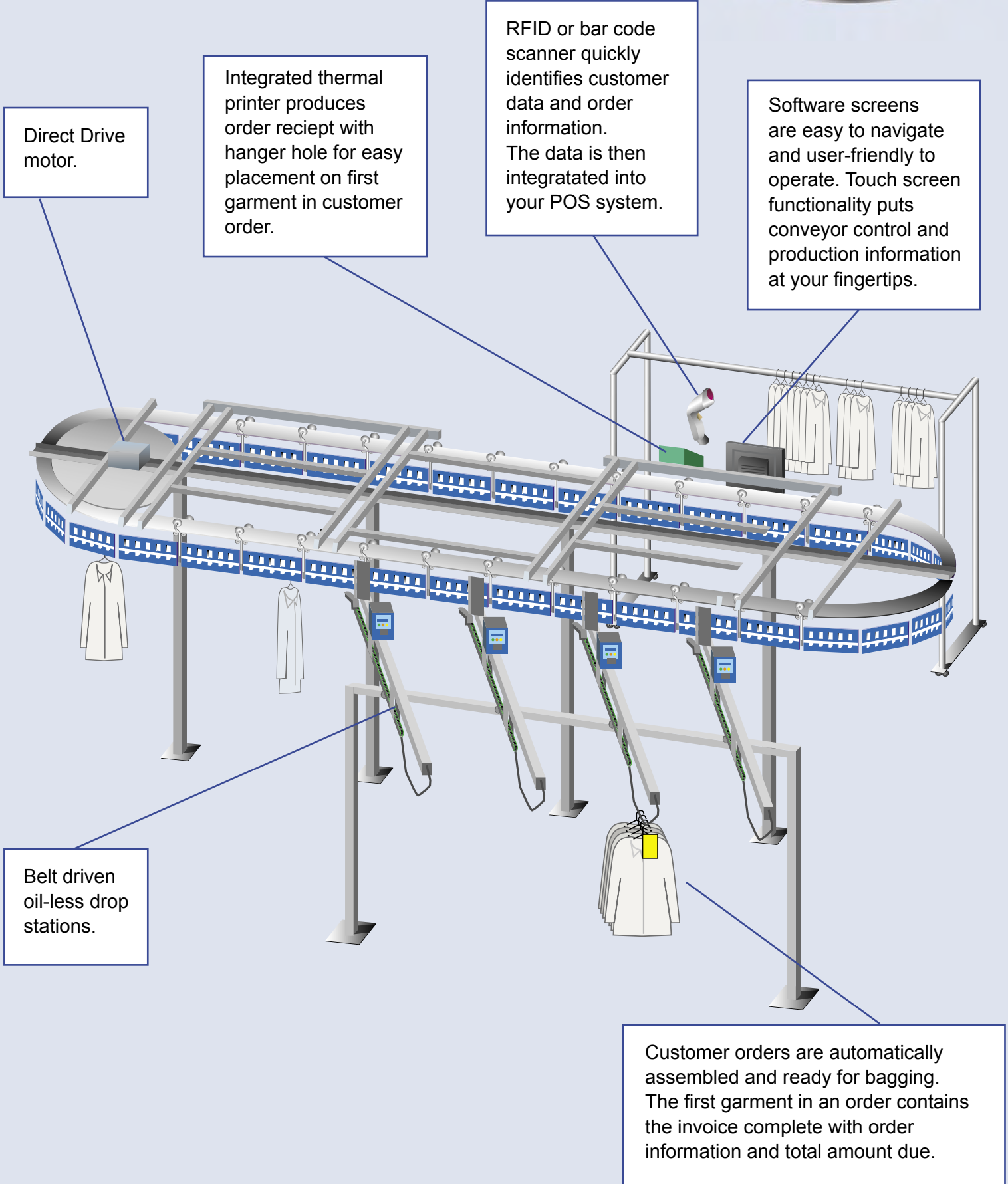
White Conveyors newest addition to the patented Compu-Sort® line, The Mercury Order Assembly System (OAS), automatically sorts and assembles customer orders effortlessly. Integrated with any POS system, orders are assembled and ready for bagging. The standard Mercury OAS is configured with a single load station and 4 drop stations. The configuration can be modified to accommodate additional drop stations and a second load station. Information is automatically imported from the POS system and utilized by the Mercury OAS computer interface.

## **The Process:**

Each previously identified garment has been scanned into the POS system. As garments are finished at the applicable work station they are moved to the Mercury OAS. Running at 30 feet per minute, an operator can easily scan and load large quantities of garments on to the system. A single operator is all that is required for this order assembly system.

1. The operator will be asked to "log on". This employee's ID Number will be sent to the POS System to log the employee's performance.
2. By selecting the "Assemble Garments Button", the conveyor will reference and continually run at 30 feet per minute during training. Speed can be increased as operator gains experience.
3. After the conveyor is referenced, the operator will be prompted to "Scan Garment ID".
4. Once the first piece ID is scanned the customer information will appear on the screen. If this is the first piece to the order an invoice will print and a beeping noise will sound, the operator will take the invoice and place it over the hanger, then place the garment on the conveyor within the "Load Station".
5. The operator will continue to scan and hang while the conveyor is rotating.
6. When an order is complete, it is immediately delivered to one of the four drop stations with the dry-cleaning invoice attached to the first piece.
7. If a second order is completed while the first order is being dropped it will be deposited on the second drop station.
8. As orders are completed, a maximum of 4 orders can be dropped from the conveyor per revolution of the machine. The completed orders are delivered from the conveyor to a holding rail.
9. On the holding rail all pieces from the order are deposited with additional orders being sequentially dropped until the rail is full.
10. When sorting is complete, orders can be removed and taken to a bagging station.

# Mercury<sup>SM</sup> Order Assembly System (OAS)



Direct Drive motor.

Integrated thermal printer produces order receipt with hanger hole for easy placement on first garment in customer order.

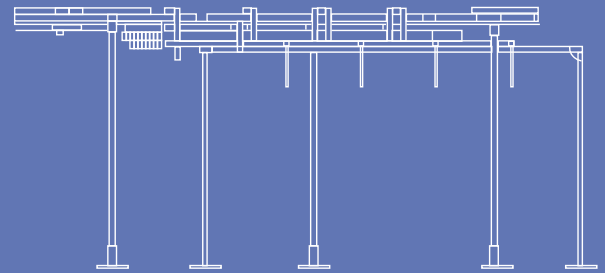
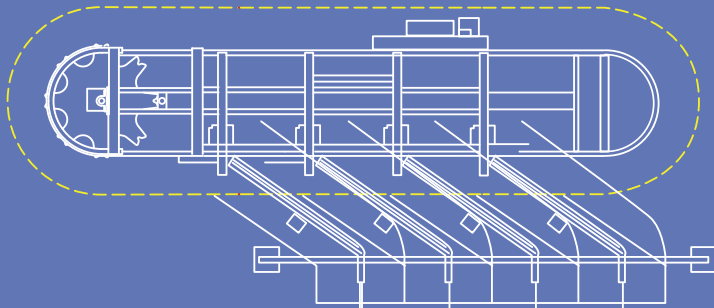
RFID or bar code scanner quickly identifies customer data and order information. The data is then integrated into your POS system.

Software screens are easy to navigate and user-friendly to operate. Touch screen functionality puts conveyor control and production information at your fingertips.

Belt driven oil-less drop stations.

Customer orders are automatically assembled and ready for bagging. The first garment in an order contains the invoice complete with order information and total amount due.

# Mercury<sup>SM</sup> Order Assembly System



LENGTH = 15.83 FEET (4.87 M)

HEIGHT=7.5 FEET (2.31 M)

WIDTH = 6.93 FEET (2.10 M)

## Standard Conveyor Specifications

- Conveyor speed: 30 feet per minute.
- Orders per hour: 150 orders (4 pcs./order).
- Sort rails: 4.
- Computer system: Windows based.
- Input device: Touch Screen.
- Slots: 150 slots on 30 frames.
- Weight: 600 lbs.
- Voltage: 110V standard with alternate voltages available on request.

## Options

- Additional drop station.
- Additional load station.
- Additional slots.

## Mercury OAS Software Specifications

- Easy navigation thru operator screens.
- Select the POS interface with a click of the mouse.
- User configurable drop stations.
- Send routes or stores to a specific drop station with a click of the mouse.
- Split incomplete orders, and notify the POS System so the order can be handled properly.
- View conveyor inventory by Slot Number/Ticket ID/ Garment ID/Route/Store Number/Garment Type etc.
- Software calculates load and drop rate per hour.



**White Conveyors, Inc.**

10 Boright Avenue, Kenilworth, NJ 07033 • 800-524-0273 • Int. 908-686-5700  
[www.White-Conveyors.com](http://www.White-Conveyors.com)