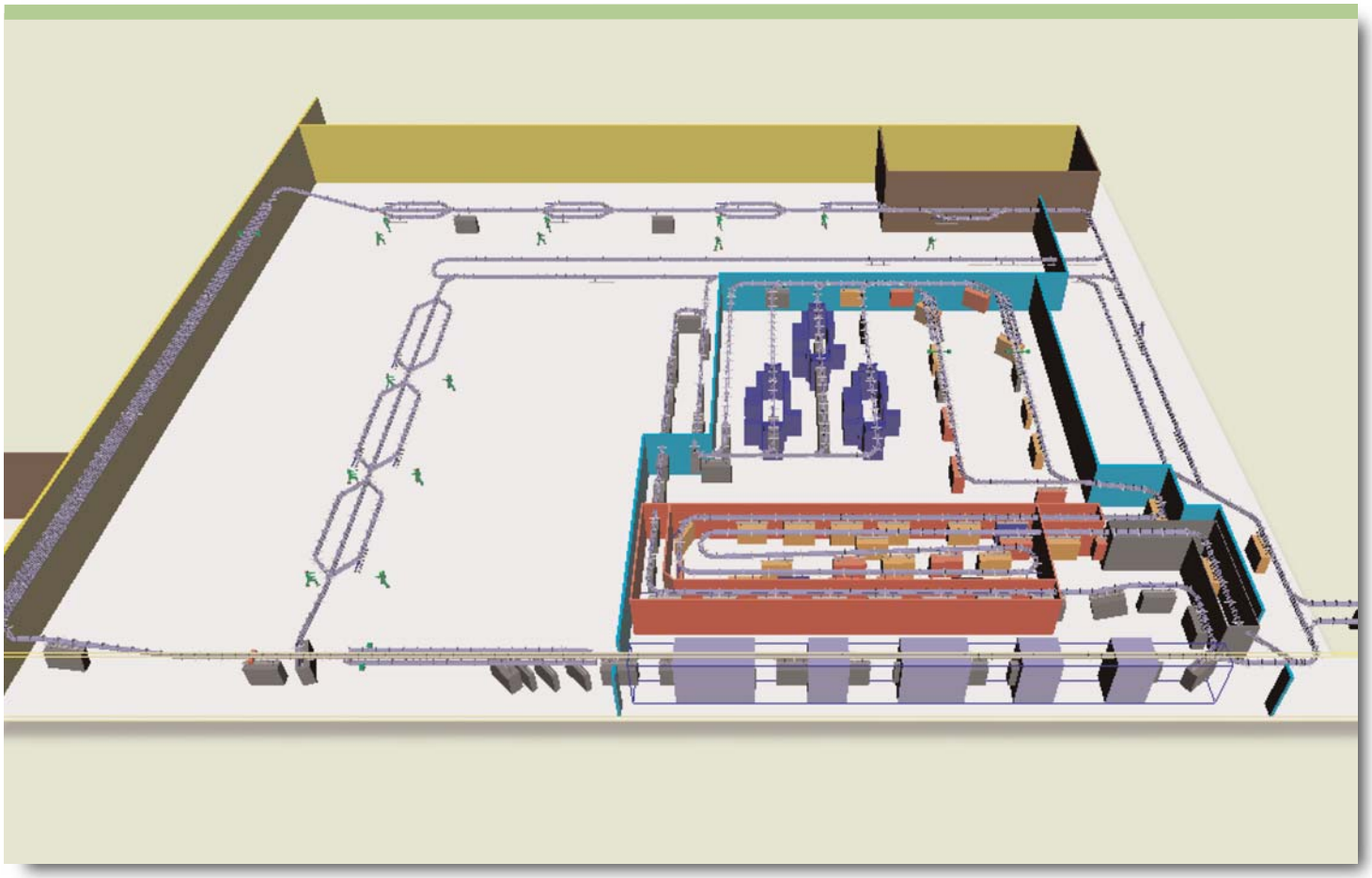
RICHARDS-WILCOX CONVEYOR

ENGINEERED FOR EVOLUTION

125 YEARS OF EXCELLENCE

Conveyor System Simulation

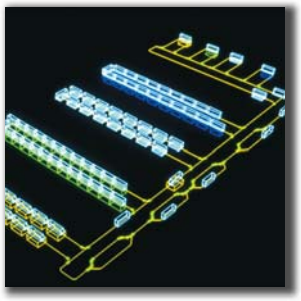
Better Design Means Better Results

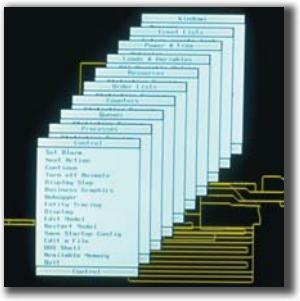


RICHARDS-WILCOX CONVEYOR SIMULATION

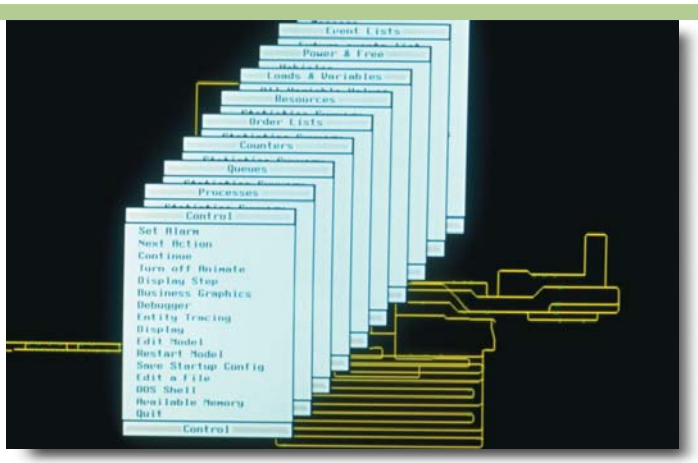
Richards-Wilcox computer simulation presents a real-time display of your conveyor system before any major investment in physical materials. Our simulation graphically demonstrates the conveyor's operation, how it interfaces with other equipment and personnel, and exposes any potential bottlenecks.

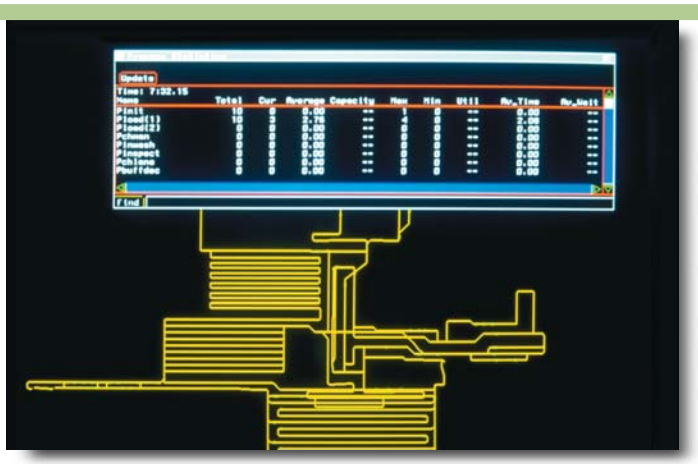
Most importantly, computer simulation shows your production cycle in motion: storage lanes, traffic routing, throughput statistics, load/unload processes, and other critical operations. By designing your conveyor on computer first, we can fine-tune and improve your system's design to ensure optimal productivity before manufacturing begins.





Conveyor System Simulation





FEATURES & BENEFITS

- **Real-time Integration**
  Simulation displays real-time integration of Richards-Wilcox conveyor and your production cycle before production begins.
- **Conflict Identification and Resolution**
  Simulation identifies potential system conflicts early in the development process and allows for system modification and alternative design to address production conflicts.
- **System Demonstration**
  Simulation demonstrates system's operational integrity prior to final system design.
- **Saves Time and Money**
  Simulation reduces re-manufacturing and installation costs.
- **Allows for "What If?" Scenarios**
  Simulation visually displays effects of alternative system designs.

SIMULATION APPLICATIONS

Computer simulation is a critical element in the design of any multiple-path conveyor system such as Richards-Wilcox Power & Free Conveyors. Simulation streamlines the design, manufacturing, and installation process for work-in-process, finishing, and other multi-phase operations.

SIMULATION REQUIREMENTS

In order to develop a computer simulation for your proposed conveyor system, we need to address the following manufacturing process considerations:

- Throughput requirements
- Load/Unload rates
- Peripheral equipment interface
- Scheduled and random down-times
- Desired production rates and schedules
- Multiple shift impact

Simulation provides you with feedback on the operations of your system through a variety of statistics and reports.

- Load status report
- Process traffic summary
- Order list statistical summary
- Resource utilization summary

Richards-Wilcox offers complete engineering and controls design, in-house simulation, project management, and installation services for all of its conveyor systems. See how Richards-Wilcox ingenuity, engineering, and product excellence can design a better material handling solution for your business. For more information, please call 1-800-253-5668.

Your Distributor:

RICHARDS-WILCOX CONVEYOR
600 South Lake Street, Aurora, IL 60506
800-253-5668 • Fax: 630-897-6994
www.rwconveyor.com