

**Wes-Tech**

Assembly &  
Test Systems



# ***Assembly & Test Systems***



***Integrated Factory Automation Solutions***  
***Enhancing Productivity and Capital Asset Performance***



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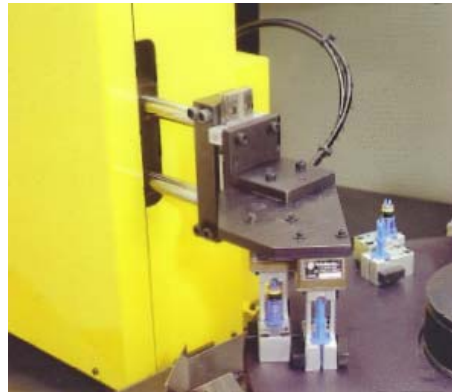
# Modular Building Blocks

At Wes-Tech, we know that custom assembly solutions must maintain the highest degree of reliability and cost effectiveness.

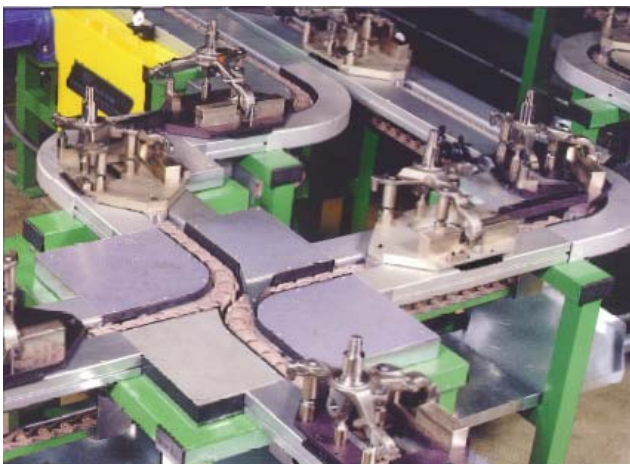


With this in mind, we have developed a group of standard assembly modules which offer solutions to the most frequently encountered assembly challenges and have refined them with an eye towards versatility.

Each of these modular building blocks has been proven in service to be the most cost effective solution for a wide variety of applications.



Utilizing a combination of modular building blocks and innovative automation solutions, Wes-Tech assembly systems provide a reliable, low-maintenance aid to reaching your specific production goals.





## Controls

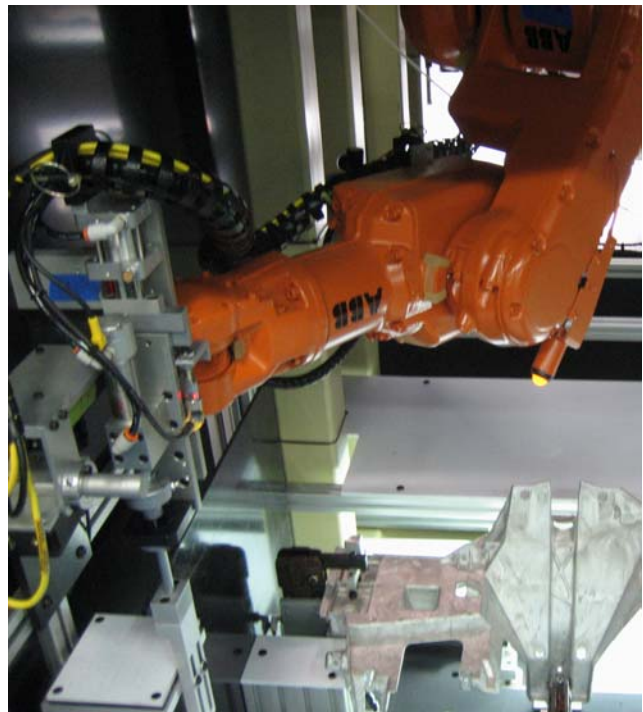
Cutting edge technology with easy to use operator interfaces...that's Wes-Tech's philosophy when designing the controls on each system we deliver.

Combining our experienced controls engineering staff with the latest in control technology, Wes-Tech succeeds in providing reliable and efficient controls. Intuitive, useful, and precise control for the operation is central to every one of our automated assembly systems.

Wes-Tech's state-of-the-art control features include touch screen Man-Machine Interface (MMI), Graphical User Interface (GUI), sophisticated part tracking and lot control, and complete diagnostics. Our full range of Information Systems includes features such as on-line SQC, and database information management. Integrated and custom production reporting is available.

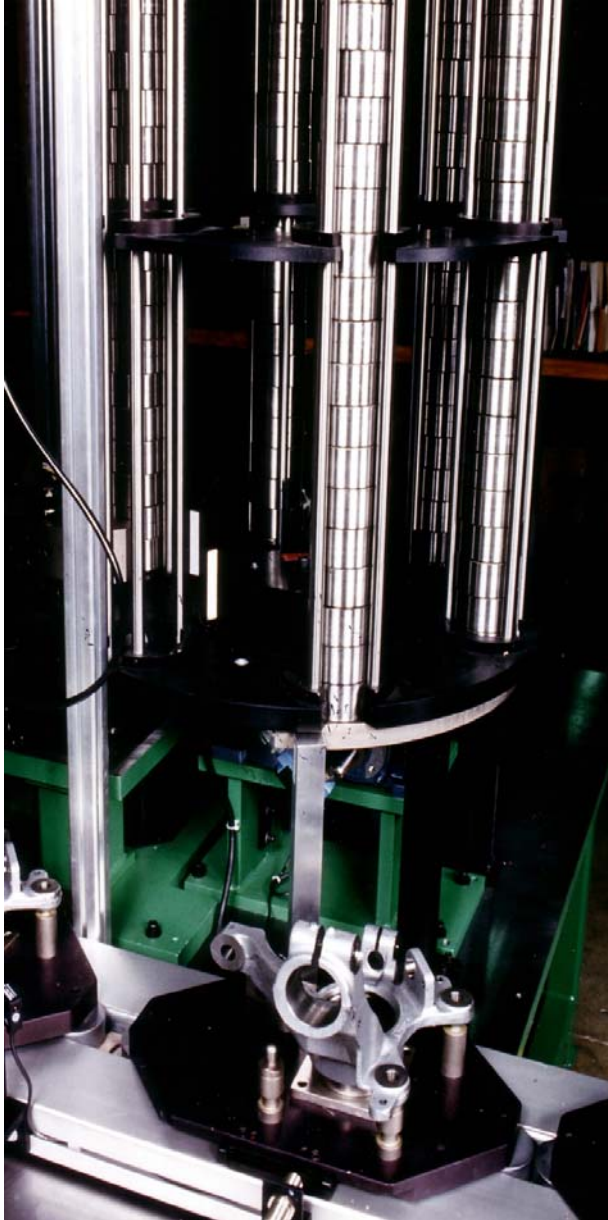
Wes-Tech's control systems provide the most critical link between the system's mechanics, human interface, and production, resulting in...

***...The System That Works.***





## ***Non-Synchronous Systems***



**W**hen an application calls for versatility: parts buffering, on-line testing, a mix of manual and automatic operations, or parallel process capabilities for line balance, Wes-Tech provides flexible automation systems. Our turnkey integration experience offers you the best solutions to meet your unique requirements.

The heart of the Wes-Tech flexible assembly solution is our ability to design a system that meets your current needs and is expandable to accommodate future requirements. In addition, the modular nature of our systems enables reconfigurations, resulting in short lead times to meet new product introductions or capacity expansions.

With the capability to accommodate a broad range of part sizes and weights, and assembly rates as high as 20 parts per minute, our Tech-Trak<sup>®</sup> non-synchronous conveyor serves as the basic foundation for our systems.



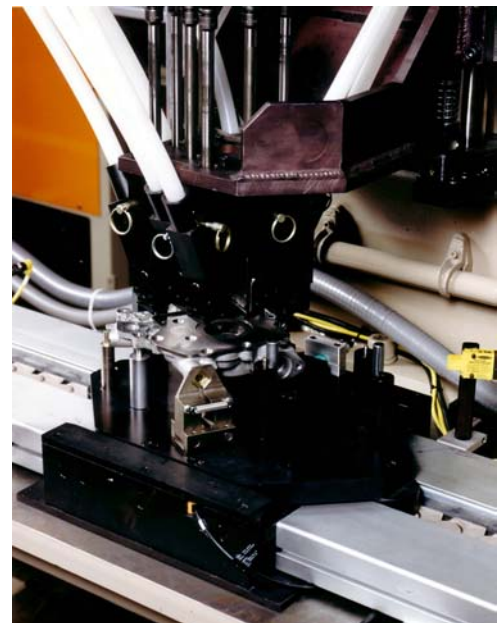
## Integration

On-line integration of testing and gauging processes adds to our automated assembly systems by streamlining material handling and reducing unnecessary production inventory. Reject spurs for accumulating rejected parts provide fail-safe sorting of product and allow easy operator access for reviewing and rectifying production problems.



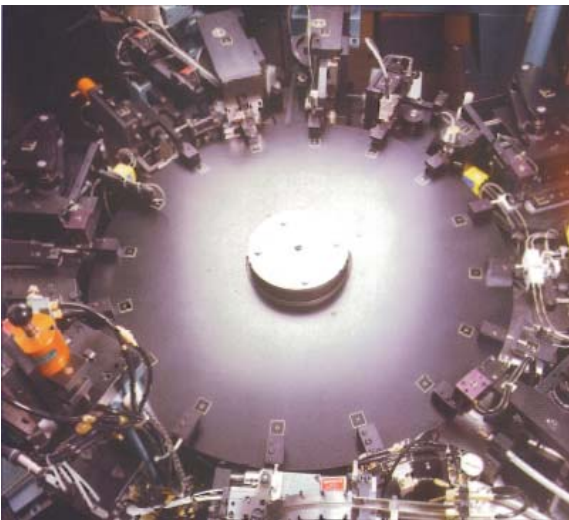
Wes-Tech has taken the industry lead in combining the best of high speed dedicated assembly equipment with the flexibility of a non-synchronous system.

By combining these two technologies you can have the best of both worlds: reliable, high speed cam motions together with the flexibility and configurability of a non-synchronous pallet conveyor assembly system.





## ***Synchronous Systems***

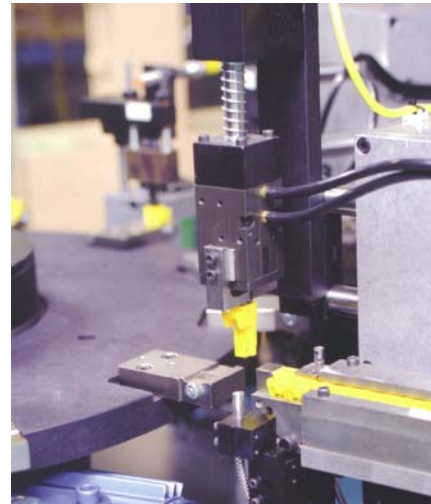
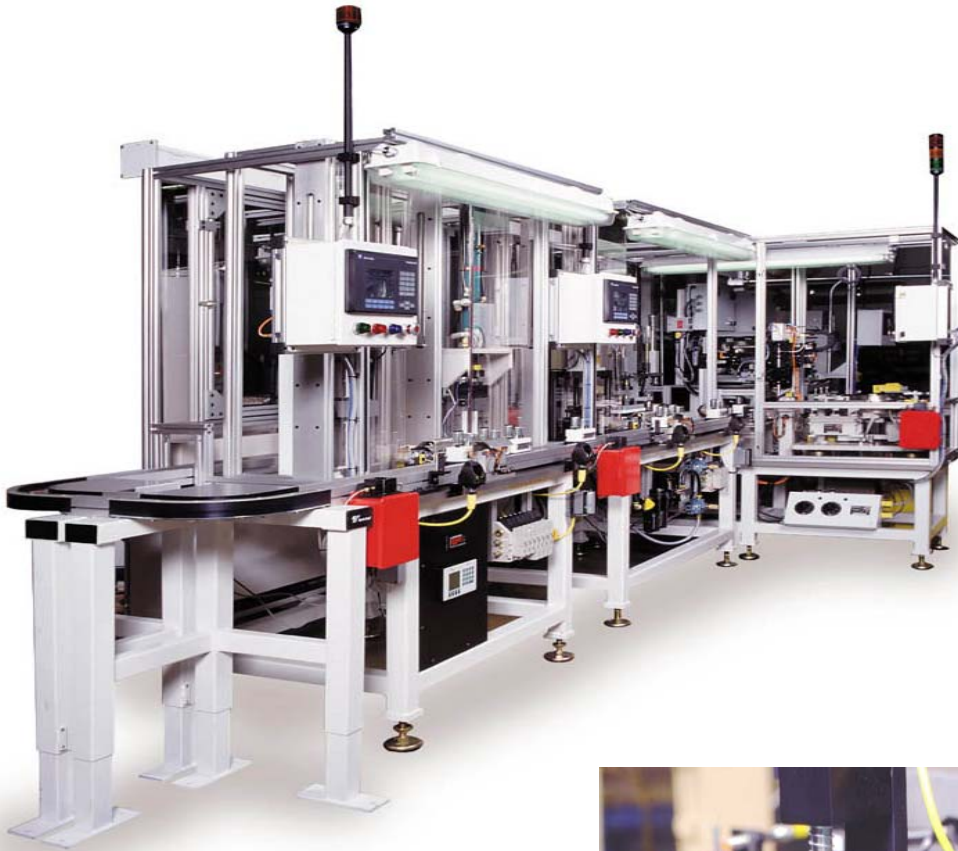


**T**he idea behind Wes-Tech's dedicated systems is simple and straight forward. We design and manufacture synchronous assembly systems for applications that demand the highest speed, accuracy, and reliability of mechanically timed motions.

Wes-Tech rotary and in-line machines are cam-controlled with direct mechanical linkages for unsurpassed precision.

Assembly processes automated by Wes-Tech's dedicated systems include: screw driving, part orienting, marking, imprinting, labeling, pressing, forming, dispensing, filling, welding, and inserting.

When the task at hand is high-speed, high precision assembly, a Wes-Tech dedicated system is often the ideal answer to cost effective automation.



*Designed For Today, Engineered For Tomorrow*

