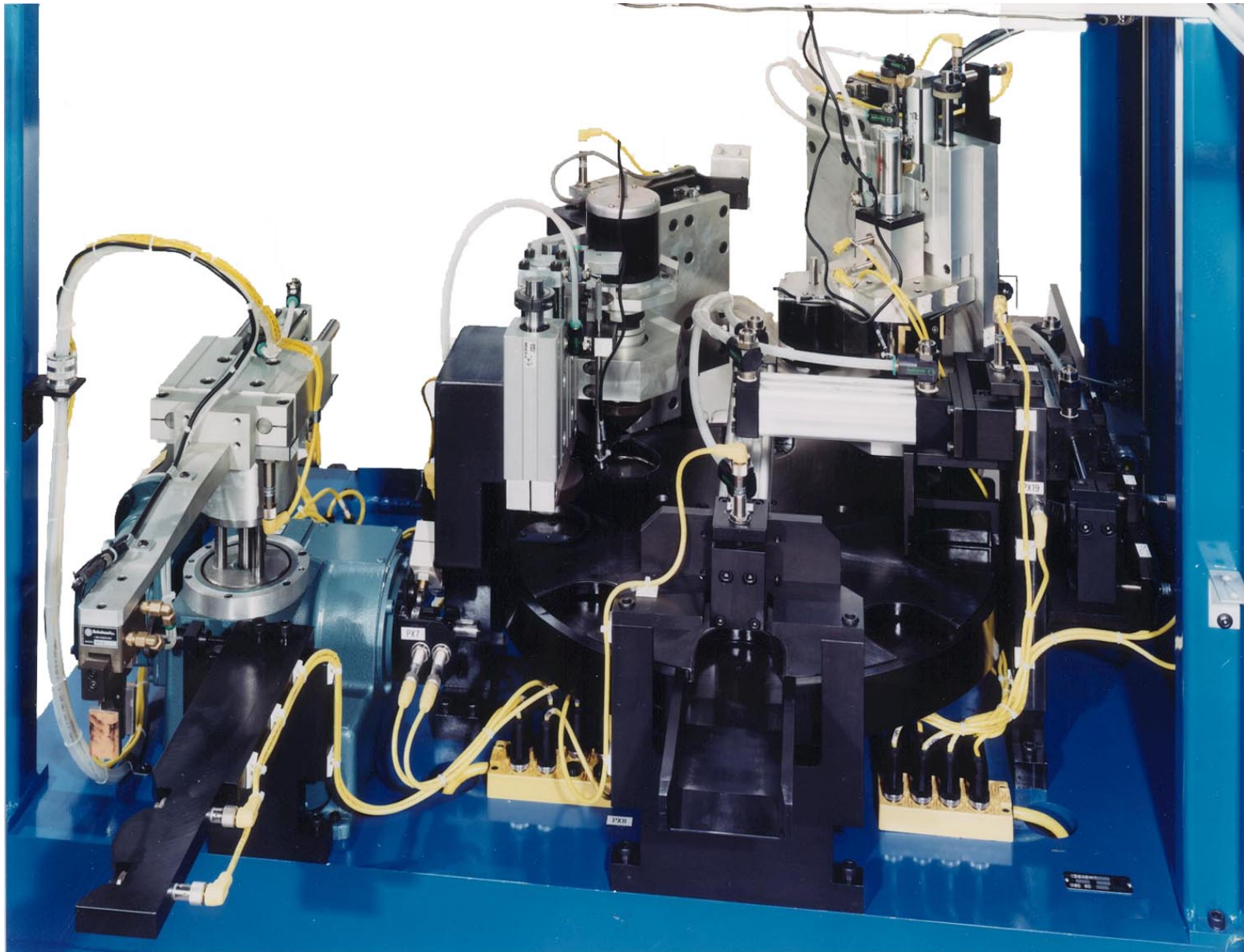




C.V. CAGE INSPECTION SYSTEM

REFERENCE EXAMPLE ONLY



C.V. Cage Inspection System (close-up)



➤ **Division**
CT

➤ **Market**
Automotive

➤ **Customer**

➤ **Production Rate**
1200 parts per hour

➤ **Product Range**
32 different part numbers

➤ **System Description**

The system loads CV Cages from a flat conveyor. It dimensionally checks the overall width of the part. The entire OD is checked for cracks. The part is weighed. The upper and lower ID is checked dimensionally for size, run out, and taper. Accepted parts are returned to the conveyor and rejected parts sent to a reject chute.

The system utilizes a mechanical pick and place unit to load parts. A dial indexer moves the parts through the six independent test stations.