

TIRE STORAGE AND ASSEMBLY NO: 702

THE APPLICATION: Tire Storage and Assembly

THE PRODUCT: Gravity Roller Silo with Flowrail Guides, Pneumatic Tire Tip Up and Ball Transfer Workstation

THE INDUSTRY: Automotive

THE NEED: An automotive manufacturer needed to replace an existing tire silo to increase production, buffer storage capacity, and accommodate new tire sizes. The silo needed to bring tires from an existing second level system down to floor level for assembly.

THE SOLUTION: Omni Metalcraft Corp. provided a Gravity Roller Silo with Flowrail Guides to store and transport tires to a lower level. Tires were fed into the silo where they were stored until an existing escapement released them to the Ball Transfer Workstation. A pneumatically actuated tipper presented the tires ergonomically to the operator for assembly.

