

CASE STUDY - Material Handling Application

Industry: Consumer Goods
Robot: Nachi Presto SC50F AX
Company: Beiler Hydraulics, Inc. - Lancaster, Pennsylvania
www.beilerhydraulics.com

Application Summary

- Assembly cell for wood cabinet doors and robotic transfer for cabinet doors to braid nailing station
- Nachi Presto SC50F robot tooling has the ability to pick up a wide variety of products (more than 10 styles)
- Cabinets are conveyed into the Nachi Presto SC50F robot cell from a manual glue station and are accumulated into groups of approximately five doors
- A mechanical pusher squares the doors for presentation to the Nachi Presto SC50F robot
- Nachi Presto SC50F robot picks a single door panel while a gravity eject system is simultaneously clearing the nailing station

