

FORGE GAUGING & ROBOT PALLETIZER INSTALLATION



Robot palletizer equipment

Problem: To increase production, a client needed to install two new gauging units to verify the forged product met specifications and two new robot palletizers to place the approved product onto pallets for shipping.

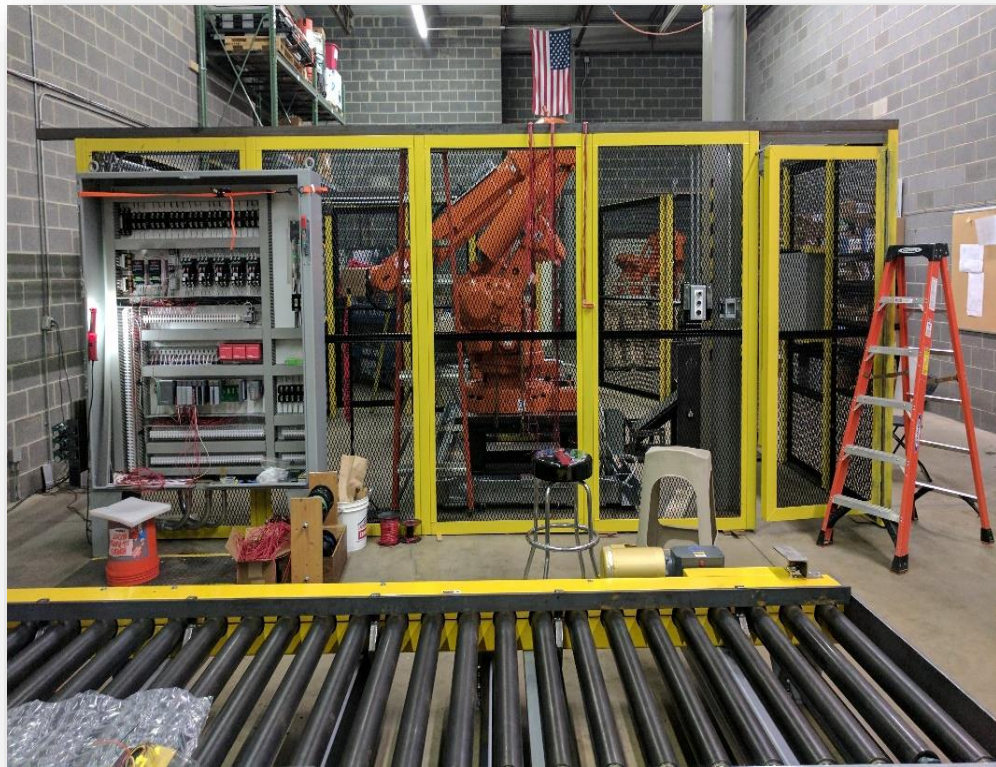
Solution: Project Technologies & Services' (PTS) provided the customer with support via initial scope development, contractor selection, material procurement, scheduling, equipment staging, equipment erection, cabinet building, and project management. This approach allowed the project to proceed with no impact to other production lines, while completing the project safely and timely.

Initially, the client requested PTS build and test the system at the PTS facility. The client's plant had very little spare space, and this would allow the project to proceed with minimal interruption. While creating several schedule options, PTS realized they could build and test subassemblies at the PTS facility, then build and test the full system at the client's location. This saved several weeks from the schedule, allowing the client to operate the system sooner, while limiting the interruption to the other product lines.

With the schedule agreed upon, PTS began procuring the equipment for the installation. This included ordering, tracking, and receiving around 1,200 different parts, some of which were custom for this project. PTS's organization allowed for no neglected parts and prevented any project delays as a result.

PTS brought in trusted contractors to aid in the build of the subassemblies and electric & control cabinets at the PTS facility. When needed, during the build of the subassemblies, PTS edited the drawings provided by the client. The drawings were updated to give current part numbers, to match minor changes in the field, and to make any changes requested by the client. The experience of the PTS team allowed for quick and accurate design changes. With all of the subassemblies built and tested, PTS orchestrated the transportation of all of the equipment to the client's facility.

With the subassemblies disassembled and shipped to the client, PTS and their team of trusted contractors built the system at the client's plant. PTS was onsite to manage the construction and to address any questions or concerns from the client and the contractors. PTS worked with the client's production and maintenance team to ensure the assembly did not impact the client's production schedule. The system was erected timely, safely, and without impact to the other production lines.



PTS's Added Value: PTS's experience and foresight allowed for the installation of both gauging and robot palletizer systems several weeks ahead of the initial schedule. PTS ordered, tracked and received approximately 1,200 parts without delaying the project. PTS's engineering expertise allowed for changes to the system and drawing to be made accurately and quickly and project management allowed for a timely and safe installation, without impacting the client's other production lines.