

CASE STUDY

COMPLETE BOTTLING LINE

"We came to SIGMA for a solution. Our requirements were anywhere from 80-120 bottles per minute and they more than met our needs, through Engineering and Shop work."

Integration Client

KEY METRICS



BOTTLING LINE

FULLY CUSTOMIZED



11 TOTAL PIECES

3 PRE-OWNED AND 8 NEW



14 WEEKS

FOR COMPLETION
START TO FINISH!



60% SAVINGS

VERSUS THE OEM
QUOTED PRICE

SCAN TO
LEARN MORE



THE CHALLENGE

A client approached SIGMA Integration to construct a fully integrated bottling line for two-ounce bottles, complete with capping and labeling. However, they faced a short timeline, limited budget, and specific production requirements. The lead time for new equipment from an OEM was estimated to be up to 52 weeks, which exceeded their timeline.

THE SOLUTION

With a clear understanding of the project goals, speed requirements, budget and expectations, SIGMA Integration utilized its extensive inventory of new and pre-owned equipment to meet project requirements. Leveraging client-provided product samples, the Integration team designed, built, and integrated the bottling line within SIGMA's 50,000-square-foot shop, ensuring a seamless match with the client's production needs.

THE RESULTS

Following the integration process, SIGMA conducted an in-house Factory Acceptance test with the client. Upon witnessing the successful operation of the bottling line within the required speed metrics, the client approved the FAT. The Integration team disassembled and shipped the line to the client's facility. To guarantee a seamless transition and successful project completion, SIGMA installed and integrated the bottling line at the client's facility.

FEATURED EQUIPMENT

- Allen Bradley 1769-L30ERM PLC
- New England NEHCL-300AJ Bottle Unscrambler
- ACASI PI 3300 Automatic Piston Filler
- ACASI Machinery TruCap 6 Spindle Cap Tightener
- OCS HC 3 Belt Checkweigher
- Accutek Labelette APS 108 Wraparound Pressure Sensitive Labeler
- Bivans Vertuck 74 Vertical Handload Tuck Cartoner

