

Pet Food Client

Design of Packaging Line Expansion

With a need to increase its bagged pet food output, paralleled with a corporate-wide initiative to diversify its packaging capabilities, this confidential client sought SSOE's expertise to execute a packaging line addition. A long time alliance partner, SSOE applied its knowledge to design a process to increase packaging efficiency, volume and capacity.

The design plan for the new line included installation of a bagger, quality inspection equipment, a palletizer, a full pallet conveying system, stretch wrappers, and related structural components. Noted as packaging specialists, SSOE also assessed the custom design components for ergonomics to ensure quality results and safety for line workers. Subsequently, the client also utilized SSOE's expertise in evaluating additional vendors and bids.

SSOE successfully implemented the relocation and reuse of a conveyor and stretch wrapper from another facility, resulting in more than \$200,000 in cost savings for the client. The line addition aided in increasing product throughput by 30 bags per minute.

value promise

Cost savings of \$200,000 resulting from integration of re-purposed equipment. Increased throughput by 30 bags per minute.

location

 Midwest USA

highlights

Packaging engineering

Preliminary layout options helped determine optimum line location

Workshare with offshore client partner/ paralleled packaging efforts with process and electrical designs

Engineering support during construction

Significant onsite construction and startup support