

HELPING CUSTOMERS REACH THEIR GOALS: PREVENTING UNPLANNED PRODUCTION STOPS

Impact:

Growth: Sustainable production with less downtime

Cost Saving: Decreased the various costs from maintenance & repair

Cost Saving: Reduced scrap parts from faulty tool parts

Industry:

White Goods & Appliances



Application:

Oven liner with a Multi-Action forming integrated with the automated production process.

Problem:

A world leader in White Goods & Appliances had issues with their manufacturing process with unplanned production stops due to a high amount of unnecessary maintenance & repairs. Their previous hydraulic solution caused an unnecessary amount of repairs because they leaked unexpectedly.

Project Goal:

Introduce a solution that would keep a reliable production rate by decreasing the amount of unnecessary amount of maintenance and repair times- thereby saving on maintenance costs and keeping production on schedule.

Solution:

We worked with this customer, exploring several options that would reach their goal. We quickly concluded with a solution that most benefited to their needs, with a custom engineered hydraulic forming manifold. This manifold system perfectly aligned with their goal of preventing unnecessary production stops by providing a higher standard of reliability.

Result:

The manifold became a reliable asset to the production of these oven liners, and decreased their amount of unplanned production stops. This allowed them to have more production up-time keeping to their production on schedule.

Other White Goods & Appliance Solutions:

At HYSON we produce solutions to align with our customer's goals, and have provided many beneficial solutions for our White Goods & Appliance customers. Here are just a few:

Delay Return Units & Systems – Increase Stamping Speeds, Improve Part Quality, & Save on Costs

High Speed Stamping Solutions – Increase Stamping Speeds without affecting Part Quality & Tool Lifetime

Baseplate Systems – Custom Solution providing uniform pressure

Manifold Systems – Ideal for Reliable High Volume Production, Improved Part Quality, & Low Maintenance

Wide Range of Nitrogen Gas Springs – Safe, Reliable, & Long Service Lifetime [Tanker Bore Seal line, T3, & T3T]