

General Description

- Faurecia, a Tier One Automotive Supplier, was experiencing significant productivity issues and quality defects which resulted in large amounts of downtime and re-work to the plant and the customer
- TPT provided industrial engineers to the seat assembly plant in Tuscaloosa, Alabama for the implementation of productivity sculpting utilizing Mean Methodology for the removal of waste and process optimization

Scope

- Conducted time studies to develop a baseline for process optimization activities and manpower reduction plan
- Development of current state standardized work sheets and Yamazumi charts for analysis and the reduction of waste
- Conducted root cause analysis activities with the plant staff to ensure the sustainability of the transformation process
- Developed and supported a training program for the installation of the optimized processes for future state
- Supported the implementation of the new optimized processes and layout

Success



Over \$750,000 in documented cost savings with the reduction of 18 FTEs through line balancing activities, waste removal and process optimization