



Location

Springfield, Ohio, USA

Total Investment

\$250,000

Project Type

Greenfield Cab Welding Process
Throughput Optimization & Work
Station System Layout Improvements

Global Performance Role

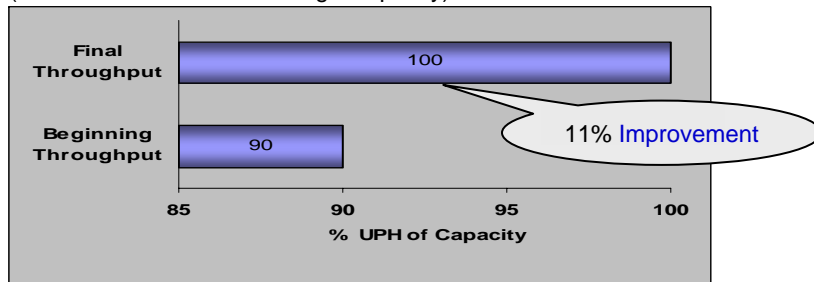
Industrial Engineering
Manufacturing Engineering
Tool Design
Project Management

Annual Volume

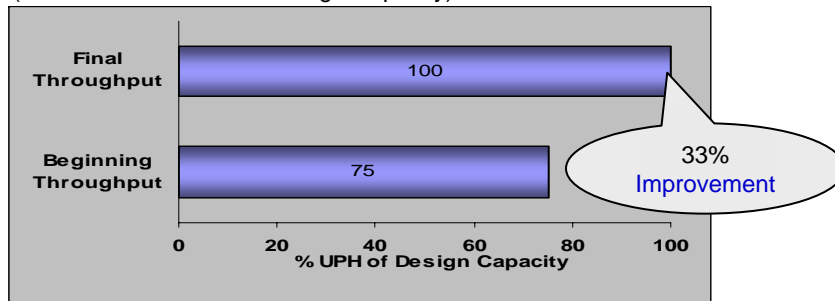
70,000 Units (Medium-Duty Trucks)

Results

Throughput Improvement: Underbody Assembly
(Actual Units Per Hour / Design Capacity)



Throughput Improvement: Door Assembly
(Actual Units Per Hour / Design Capacity)



Project Highlights

Global Performance was selected to provide manufacturing and industrial engineering services as a member of the International launch team. The launch team had responsibility to achieve world class productivity and throughput.

Global Performance had responsibility to do the following.

- 1) Optimize throughput through the all manual work stations in the weld shop.
- 2) Improve Manual Work Station System Layouts.
- 3) Manage design, fabrication and installation of a new door line weld station tool and modified one existing tool.

Global Performance provided alternate solutions for all throughput “bottlenecks,” recommended the best alternative and implemented the selected solutions. The door line corrections required outsourcing the design, fabrication and installation of new weld tools.

Global Performance worked with the weld shop operators to ensure acceptance and a smooth implementation of all the solutions. The clients preferred components list was utilized with optimized sources for economy.