

Manufacturing – Office Furniture Curvilinear Assembly Line

Business Case:

Move from batch to single piece flow on the Curvilinear Line to improve performance.

Approach / Solutions:

- Trained employees in Value Stream Mapping, Line Balancing, 5S, SMED and Layout Design
- Facilitated a Value Stream Mapping activity
- Documented the process with Current State & Future State maps, cycle time balancing charts and a gap closure plan
- Additional Training – Kaizen Problem Solving tool, Setup reduction tool and an overview of Empowerment of the workforce in continuous Improvement
- Facilitated break out Kaizens, Setup Reduction and Layout Reviews

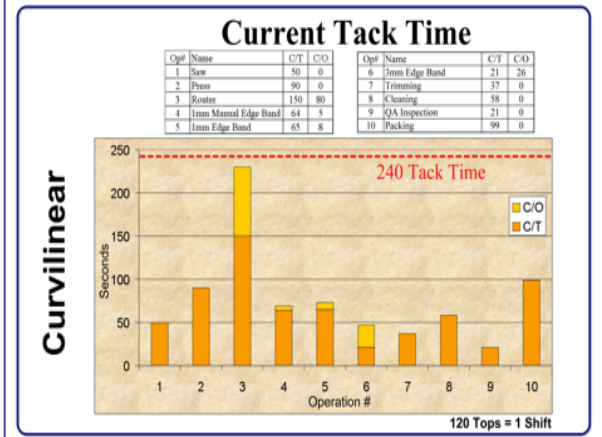
Results:

Metric	Change	Metric	Change
Change Over/Setup	-54%	Footprint	-26%
Labor	-20%	Lead Time	-10%

Summary:

The Curvilinear line achieved single piece flows, increased output reduced cost and saved space.

Before



After

