



# High Variety Low Volume Manufacturing

## HVLV Manufacturing Assistance

### Get Real Benefits from Proven Solutions

In recent years, High Variety Low Volume (HVLV) Manufacturers have felt the pressure of increased raw materials cost, foreign competition and customer demands for lower prices and more value. But some have managed to reduce cost, improve throughput, and increase profitability by leveraging continuous improvement throughout all areas of their business. With the expertise of WMEP, they have developed powerful, targeted strategies that get results.

#### If your company experiences:

- ▶ Increased raw materials cost
- ▶ Increased foreign competition
- ▶ Customer demand for lower cost
- ▶ Customer demand for increased quality

#### WMEP can help you achieve:

- ▶ 50% reduced lead times
- ▶ 75% reduced setup times
- ▶ 50% increased WIP Inventory turns
- ▶ 20% increased capacity

### How it works:

WMEP can help you make valuable gains with effective tools and proven techniques that fit your specific needs including elements of Lean Manufacturing. HVLV manufacturers can and do benefit from Lean. Whether an initial 5S to organize workspaces or a Value Stream Map to reveal bottlenecks in your processes, Lean can be effectively applied to provide continuous improvement in high variety/small volume job shop environments.

In addition, specialized tools for HVLV manufacturers like Process Matrix, Capacity Planning & Scheduling and the use of supermarkets, for example, have proven successful on the shop floor of many custom manufacturing operations throughout Wisconsin.

WMEP also focuses on areas of your business that you may not have considered. Many custom manufacturers start with Lean Office to improve administrative functions like quoting, designing/engineering, and prototyping to achieve dramatic results.

Another area to target is outside your factory walls: your suppliers. After making your own improvements, you may find that your suppliers need to catch up. WMEP's Supply Chain Improvement provides an effective and systematic approach to optimizing supplier performance and, in turn, your own performance.



# High Variety Low Volume

WMEP staff have years of experience implementing improvements in machine tool shops and other custom manufacturing environments throughout the state. We know what works and what doesn't on the shop floor, in the front office, and beyond. We don't offer your business a cookie-cutter approach. We work with you to find solutions that make the sense for you.

Most important, our goal is to boost sustainable bottom-line results for your business and increase customer satisfaction and loyalty. Call WMEP today and find out how our experts can help.

## About WMEP

WMEP is a private, nonprofit consulting organization committed to the growth and success of Wisconsin manufacturers. A leader in Next Generation Manufacturing, WMEP brings best practices to Wisconsin firms to help them achieve world-class performance through innovation and transformation. WMEP receives financial support from the Wisconsin Department of Commerce, and partners with many public and private organizations to serve Wisconsin manufacturers.

**To learn more about how your High Variety Low Volume production can benefit from WMEP's experience, call WMEP at 1.877.856.8588.**

