Quick Manufacturing Stencil

Quick Manufacturing is one of eVSM’s Quick Stencils and supports plant level mapping of discrete parts and assemblies in industries like automotive, electro-mechanical, and medical equipment. It provides easy, fast, and focused mapping as shown below:

Quick Manufacturing is actually a compatible set of 3 stencils as shown below.

**Sketch:** Simple sketch shapes, no data blocks

**Lite:** + data blocks + equations + charts ideal for most maps

**Pro:** + cost, space, energy concepts that increase map leverage.

Quick stencils are popular because of their capability and also because of the excellent deployment materials available. These include example maps, publications, and learning options.

4x mapping speed and quantified improvements with a well designed set of icons, variables, macro shapes, equations, and charts.

The technical concepts addressed by the Quick Manufacturing stencil are shown below.

- Cycle Time
- Multi-Path Maps
- Qty Per Cycle
- Takt Time
- Utilization
- Transfer Lot Size

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**Capacity**

- VA & NVA Time
- Queues and Delays
- Process Lead Time

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**Lead Time**

- Critical Path

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**Cost**

- Inventory Holding Cost
- Activity Based Cost
- Material Cost
- Resource Cost

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**Resources**

- Shared Resource
- Resource Utilization
- Resource Bottlenecks
- Resource Allocation

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**Effective Capacity Chart**

- OEE
- Map Hierarchy
- Map Linkage
- Side Calculations

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**Resource Balance Chart**

- Space Utilization
- Energy Efficiency

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An example map drawn in Quick Mfg is shown overleaf.