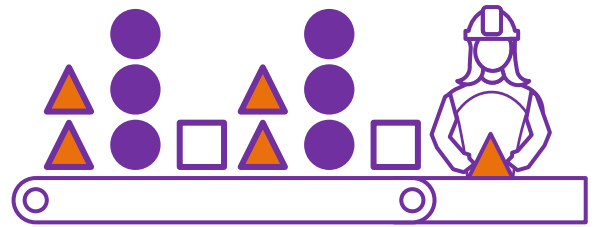


eVSM Mix - Quick MIX Manufacturing Stencil



Quick Mix Manufacturing is part of the **eVSM Mix** edition and provides the tools needed to value stream map and improve MIXED MODEL production environments for discrete parts and assemblies.



Easy

Applications built on the MIX engine remove the 'averaging' of products, demand, cycle times, and routing that make many mixed model maps difficult to create and of redundant or limited value. The benefits of the MIX engine can be summarized as:

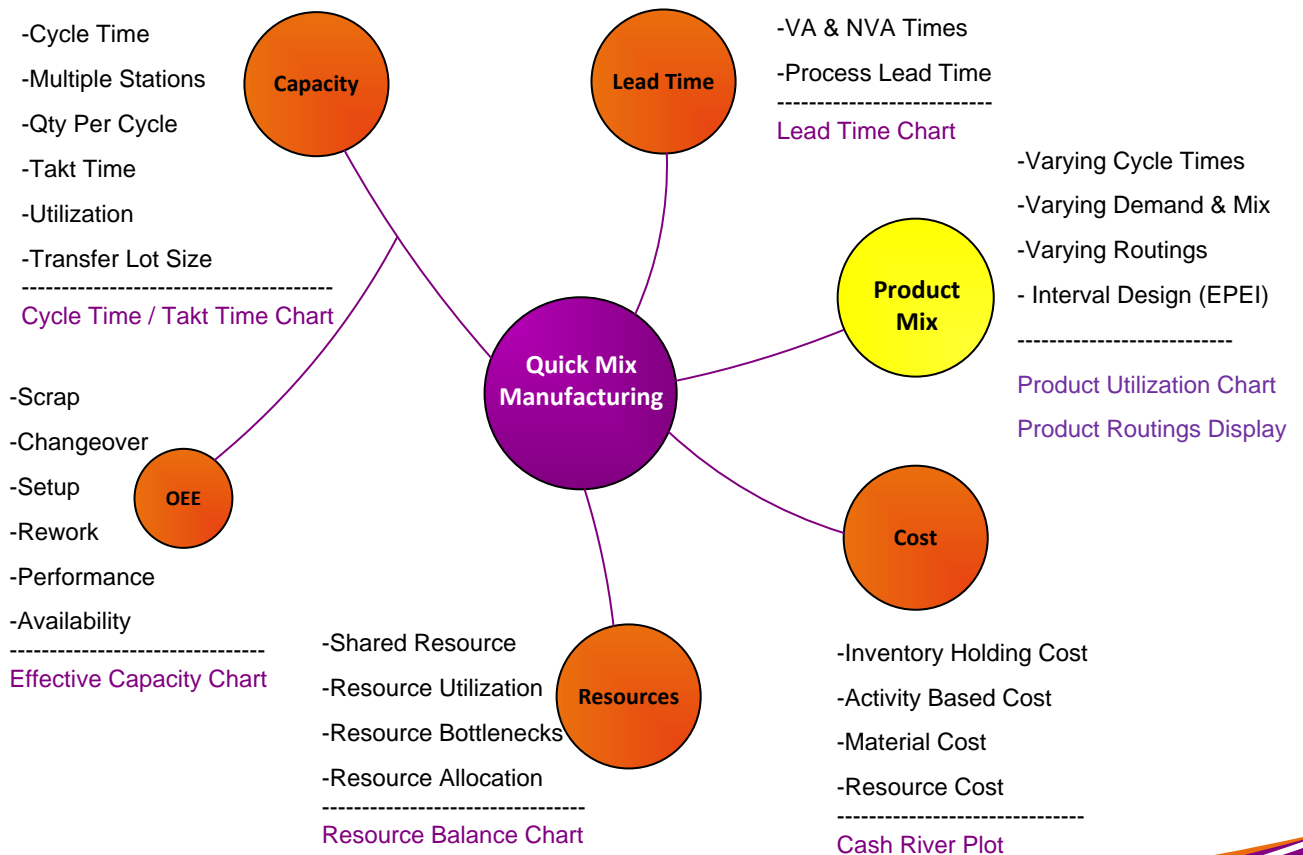
$$\text{LESS Averaging} = \text{EASIER Input} + \text{EASIER Understanding} + \text{EASIER "What-if's"}$$

Fast

Because eVSM Mix allows input of product data directly, much of the supporting calculations that had to happen in separate spreadsheets or maps now happen on a single simpler Master Map.

Focused

The technical concepts addressed by the Quick Mix Manufacturing application are shown below including unique capability for Mixed Model Value Streams

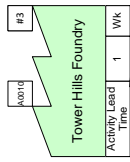
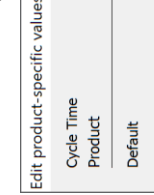
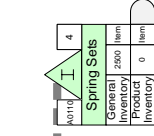
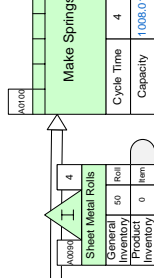
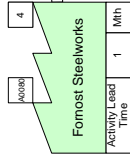


OEE Measures

Activities comprehend OEE, downtime, scrap, etc

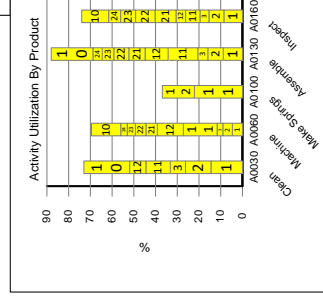
ACME Medical
 Forceps, Cutters, and Scissors Line
 Current State - VSM

Unit	Year	Wk	Wk	Roll	Item
	52	70	5	400	
	Wk	Hr	day		



Information flow losses

Need 10% Oest Reduction



Product values

Input fields that allow separate values by product have 'tabs' for data entry

Cycle Time	Value
Product	60
Default	60.00
1 - Forceps SM	60.00
2 - Forceps MD	60.00
3 - Forceps LG	65.00
10 - Cutters 8 cm	90.00
11 - Cutters 10 cm	120.00
12 - Cutters 12 cm	140.00
21 - Scissors SM	45.00
22 - Scissors MD	45.00
23 - Scissors LG	45.00
24 - Scissors XL	45.00

Multi-Lane Maps

Filter charts and summaries by path numbers to handle multi-lane maps

Demand by Product
 Change overall demand and product mix to assess capacity

Set ID	Product	Demand	Set Demand
Set A	A	100	100.00
Set B	B	100	100.00
Set C	C	100	100.00

Define Sets of products that have common routings but whose process parameters can vary

Product Sets

Color code arrows and activities to show product routings by set

Routings by Product Sets

Automatically plot Utilization charts that show asset usage by product

Product Based Charts

Use variables and calculations that have been standardized over the last decade

Standardized Variables & Calculations

The map can also be used easily for single product value streams

Dedicated Value Streams

