

Manufacturing Awareness Limited Case Study – Productivity Improvement

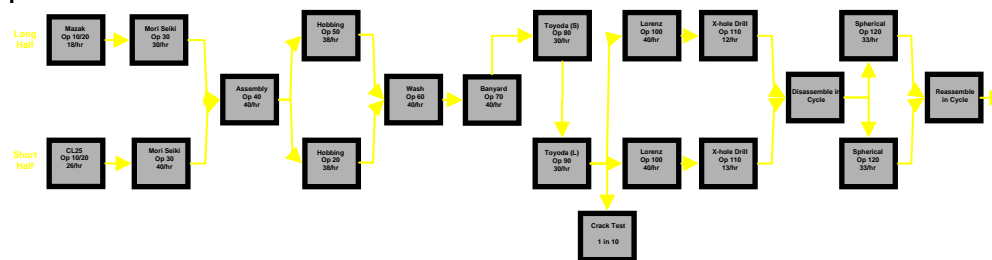
Client Automotive Components Manufacturer (Mid)

Problem Production Cell had been established several years. Machines badly maintained / unreliable thus subcontract machining required. Quality deteriorating. Demand increasing. Tired workforce.

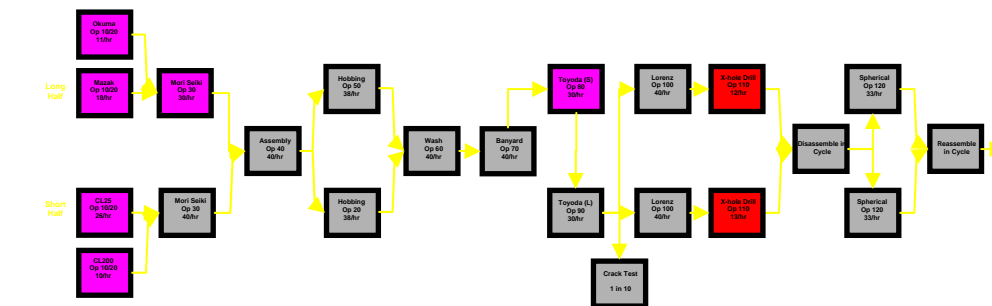
- Strategy**
1. Empower work team (Intense training)
 2. Implement Visual Factory
 3. Add additional capacity
 4. Implement Theory of Constraints
 - i. Establish constraint
 - ii. 'imagine' bottlenecks
 - iii. establish priority plan for i. and ii.
 5. Establish Strategic buffers

Timing Whole project was 'do it now, or lose the business' Actual implementation to establish buffers took eight weeks.

Original Layout



New Layout with critical machines identified, strategic buffers and priorities for maintenance established.



Benefits Business saved!
PPM reduced from over 5000 to <150
Panic Hourly deliveries eliminated – now twice per day.
Camaraderie developed amongst empowered employees