



Dynamo & Lamp Manufacturer

Case Study



Quick Facts

- Dynamo and lamp manufacturer for bikes
- 120+ employees including contract labour
- 50+ saleable SKUs with 350+ variants
- Semi-automatic assembly operations



Key Challenges

- Under-utilisation of high value asset capacities
- Higher work-in-process inventory at certain workstations
- Stock-out of certain variants and over inventory of others
- Sub-contracting of intermediate operations



Strategic, Financial & Operational Benefits

- De-bottlenecking of workstations resulting in reduced WIP and cluttering
- Increased production by over 25% with the same machines and employees
- Reduced utilisation for bottleneck workstation resulting in over 12% cost savings
- Optimum product mix ratio of variants resulting in no stock outs and FGI.
- 12 % improvement in customer returns due to better quality control of operations



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