

# Manufacturing Awareness Limited Case Study – Set Up Reduction

<b>Client</b>	Houseware Manufacturer (NW)	
<b>Problem</b>	Changeovers on power presses were taking longer than planned, causing large batches to be made and inventory to be stored	
<b>Strategy</b>	Multi-disciplinary team established Existing changeover recorded on video Video analysed several times Potential savings and changes identified New process implemented and then recorded on video Further changes identified	
<b>Timing</b>	Initial video and analysis over two day period Changes take place during next week Further video and analysis on third day Further changes over following months	
<b>Results</b>	Original Set Up (including 10 minute break)	90:36 minutes
	Following analysis, identified the 'ideal' Set Up and used estimated times to achieve it	45:01 minutes
	Implement new process (with some simulated new equipment)	44:20 minutes
	Further analysis by the team prepared standard operating procedure and a new 'target' time. Time which could be achieved using the simulated	29:29 minutes
	Further savings are available assuming all the actions identified can be implemented over a period of time giving a potential time of	21:20 minutes
<b>Financials</b>	Ten similar machines used within facility. Techniques applied will be rolled out across all machines. Aim is to reduce batch sizes and move to daily production with a view to eventually reducing inventory within warehouse	

