The DUNCAN Dispatch

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Cost Savings through Process Improvements…

Well, it's obvious that the domestic and global economic situation is not going to be better any time soon. Now, more than ever, companies are looking to cut costs in order stay alive and compete in an ever-shrinking market.

In tough times, the first thing to go is often the budget for capital equipment purchases, followed soon by monies for improving current operations. This is really not the best approach. This method seems good in the short term because the outflow of cash is restricted. But in the long term it doesn't work because your competitors, meanwhile, are implementing new ideas and methods that will give them a distinct advantage when the economy does recover.

Achieve Cost Savings By:

- **Reducing Cycle Time**
- **Decreasing Labor Input**
- **Eliminating Waste**

Companies like GE have realized this and have led the way by investing large amounts of money in R&D even during the most recent economic downturns. This has enabled them to continue to lead the market in a vast array of products and services.

In manufacturing operations there are **three key cost saving areas** that should be focused on. They are: Reducing Cycle Time, Decreasing Labor Input and Eliminating Waste. The tangible benefits of these are pretty obvious and don't need much explanation. The implementation of them is really not that complicated either.

These important areas can often be addressed by: redesigning antiquated tooling and fixturing, automating inefficient manual processes, combining separate operations into one machine and by integrating quality control into the equipment to stop waste at the source.

Duncan Tool may be able to help you **achieve the cost saving results you need**. Please contact us to set up a free consultation. We will work with you on evaluating your application and see if investing in new tooling or machinery will improve your manufacturing process and give your company the competitive edge.

Spotlight Application…

Duncan Tool, Inc. designed and manufactured this Pneumatic Bending Machine for an automotive part supplier. Working closely with the customer, we developed this machine to replace a time consuming one-at-a-time manual operation.

This automated machine, running four parts per cycle, **reduced the per-part cycle time by 80%** and increased quality control through integrated fiber optic sensors. Built to last, it boasts a heavy-duty welded steel frame, Allen-Bradley® PLC and quality Parker® pneumatics.

Duncan Tool has many years experience in designing and building custom machinery and equipment providing turn-key systems, including full controls, tooling, framing, hydraulics and pneumatics. Our specialty is single and multi-station forming, cutting and assembly machines. Check out more applications at www.DuncanTool.com.

Did you know?

Duncan Tool uses CNC technology to reduce machining costs and improve part quality. Compared with traditional methods, CNC machining commonly yields dramatic reductions in run-time as well as better surface finishes and increased precision. Using a machine with a powerful conversational control such as a Hurco Vertical Machining Center (VM1 Shown) allows us the flexibility to run one or hundreds of parts better and faster.

Feedback…

We value your input. Won't you take a minute and let us know how we are doing? You can contact us at 937.667.9364 or via email at dti@duncantool.com.

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