



MAGNET

SMED (Single Minute Exchange of Dies)

THRIVE AS A N.E. OHIO MANUFACTURER

SMED is a continuous improvement initiative for significantly reducing equipment changeover times.

SMED techniques are widely used to cut waste and streamline the changeover process in an effort to keep your equipment and production lines running longer.

Does SMED only work for machine changeovers?

No, the SMED principles and techniques can be used for all production processes.

What are other benefits for applying SMED besides reduced changeover time?

Reduced costs, smaller lot sizes can, reduced inventory, less idle time, increased value-added operations, resulting in increased output and efficiency.

What is the goal of SMED?

The ultimate goal of SMED is to reduce your change over time to single digits or under 10 minutes. This is done by initiating a pit crew mentality around changeovers.

Learn more by reviewing the three solution areas supported by MAGNET: **Implementation, Principles,** and **Other Lean Tools Used**

BUILD A CUSTOMIZED SOLUTION PACKAGE

With our team of experts, we will help you identify and eliminate waste in your change over process leading to productivity gains and lead time reduction.



Implementation



- Identify processes
- Time study current state
- Analyze data
- Apply SMED principles
- Implement change
- Verify results
- Sustain results

Principles



- Identify internal versus external changeover tasks
- Analyze each tasks real purpose and function
- Focus on no to low cost solutions
- Reduce changeover time to single digits, under 10 minutes

Other Lean Tools Used



- Eight Wastes
- 5S
- Standardize Work
- Total Productive Maintenance
- Visual Boards



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WHY MAGNET?

MAGNET's mission is to help local manufacturers THRIVE! As a mission-driven consultancy and advisory organization, MAGNET'S experienced team of Growth Advisors and service partners have been working with local manufacturers for over 35 years, driving business growth, innovation, operational improvements and much more. Because we have no profit motive, we measure the effectiveness of our consulting services and work based on their ECONOMIC IMPACT. And we ask all of our clients to validate this impact after every engagement. This requires us to focus on generating meaningful and measurable results – holding ourselves to a high standard of performance and accountability.