



Conclusion

- 1. The most ingenious thing of nature is that even the simplest things are made of many parts.
- 2. The most ingenious thing of nature is that even the simplest things are made of many parts.
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Thanks!

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Wausau Equipment Company: A Lean Journey (B)

How to implement lean manufacturing practices within the automotive industry?



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Purpose

- To define what is Lean Manufacturing and its core principles
- To provide an understanding of Lean Manufacturing and its benefits to the automotive industry
- To develop a new approach in order to implement lean manufacturing practices

Agenda

- What is Lean Manufacturing?
- A few words about the automotive industry
- Related Literature and Theories
- Summary & Evaluation
- Methodology
- The PTP implementation tool
- Conclusion

What is Lean Manufacturing?

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“...Lean is defined as “the systematic removal of waste by all members of the organization from all areas of the value stream”.



Worley, 2004



What is Lean Manufacturing?

A production practice and management philosophy focused on:

- Optimizing customer value
- Eliminating "waste" (unnecessary activities that do not contribute to customer value)
- Increasing efficiency
- Achieving manufacturing excellence

Or in other words....

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"For improvement to flourish it must be carefully cultivated in a rich soil bed (a receptive organization), given constant attention (sustained leadership), assured the right amounts of light (training and support) and water (measurement and data) and protected from damaging*."

**-Stephen Shortell, Ph.D.,
Professor of Organizational Behavior**



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***What kind of damage is Dr. Shortell referring to?**

**"The most dangerous kind of waste
is the waste we do not recognize."**

Shigeo Shingo, Toyota

