



Layout

THRIVE AS A N.E. OHIO MANUFACTURER

Poor facility layouts promote low production efficiency and increase manufacturing costs. MAGNET's Lean plant layouts focus on highly efficient material and process flows, optimal equipment placements, and streamlined warehouse/inventory locations. Our highly efficient Lean layouts also facilitate visual management and a highly organized workspace while aligning your people, process, and technology.

Key differences between traditional layouts and lean layouts?

In a lean plant layout, all processing/production waste is identified and minimized. We reduce travel, motion, and conveyance and placing equipment in the most optimal locations. Designing material and process flows to yield the highest output. In a traditional layout, equipment and production lines are placed in the areas and the space that is currently available and that will accommodate them. There is little thought about process and material flow and reducing travel. motion and other wastes.

What is a cellular manufacturing?

Cellular manufacturing is grouping equipment and processes in a continuous flow methodology. Presentation of parts and point of use considerations are captured to ensure highly efficient cycle times and throughput.

Learn more by reviewing the three solution areas supported by MAGNET: **Mistakes**, **Process**, and **Tools Used**

BUILD A CUSTOMIZED SOLUTION PACKAGE

Our team of experts will help you design your facility to achieve the highest efficiencies and productivity.



Layout Mistakes



- Focusing only on key equipment
- Not using a team approach
- Allowing storage requirements to dictate layout
- Using too much space
- Not looking for new ways or philosophies in producing product
- Not understanding growth needs

Process

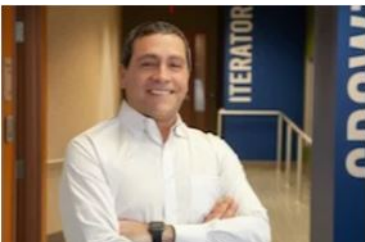


- Current state process maps
- Spaghetti diagrams
- Gather key current state data
- Layout templates of facilities
- Equipment templates
- Concept Drawing
- Facilitated review meetings
- Final Drawing

Other Lean Tools Used



- Value stream mapping
- 5S
- Cellular
- Kanban
- Visual Management



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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.