How Does Fork Truck Free Cart Delivery Promote Lean?

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What is Fork Truck Free (FTF) Cart Delivery?
Types of Fork Truck Free (FTF) Cart Delivery

100% Fork Trucks Free

Minimal Fork Trucks Use
What is Lean Manufacturing?

Lean Manufacturing is a systematic method for waste minimization within a manufacturing system without sacrificing productivity.

The 7 Wastes of Production

- Motion
- Inventory
- Waiting
- Overproduction
- Processing
- Defects
How the Fork Truck Free processes and Lean Manufacturing work together?

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<th>Why companies are going LEAN.</th>
<th>Benefits of going FORK TRUCK FREE.</th>
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<td>Accidents &amp; Injury</td>
<td>Better Safety Practices</td>
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<td>Overproduction</td>
<td>Improved Productivity</td>
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<td>Defective Products</td>
<td>Heightened Quality Control</td>
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<td>Rigid Processes</td>
<td>Increased Flexibility</td>
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<td>Non-value Added Processes</td>
<td>Process Simplification</td>
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<td>Excessive Inventory</td>
<td>Inventory Reduction</td>
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<td>Waiting</td>
<td>Better Utilized Work Space</td>
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Toyota Model

House of Lean
GETTING THE RIGHT PART TO THE RIGHT LOCATION IN THE RIGHT QUANTITY AT THE RIGHT TIMING.
TYPES OF DELIVERY CARTS

*Tugged Carts* require a tow bar and are able to be towed in a train.

Any *tugged cart* can be a daughter cart.
Cart Delivery promotes Lean Initiatives through SAFETY.

Cart Type: Tilt Cart
Cart Delivery promotes Lean Initiatives through QUALITY CONTROL.

Each time a defect is passed onto the next process, it takes 10 times more money to fix the defect.
Cart Delivery promotes Lean Initiatives through INVENTORY REDUCTION.

Cart Type: Quad Steer Tracking
Cart Delivery promotes Lean Initiatives through FLEXIBILITY.

Cart Type: Transformer Cart
Cart Delivery promotes Lean Initiatives through PROCESS SIMPLIFICATION.
Cart Delivery promotes Lean Initiatives through **PRODUCTIVITY**.

**Cart Type: Walk Through Mother Cart**
Cart Delivery promotes Lean Initiatives through LAYOUT.

**Results.**
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