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Disassembly to order for perishable items

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Manufacturing systems are usually classified into 4 types (assembly for the order, production order, engineering to order and production for stock), although these four models consider more than ninety percent of the processes there are certain manufacturing processes that can not be treated with any of the previous models, it is why in this work we propose the need to consider and formalize the "disassembly for order" model.

In the proposed manufacturing model, we make considerations on complications disassembly having a product as raw material, especially when the order is only for a specific part of disassembly, reason for which you have to include the Holding cost when it's time to do the costing, we also consider, in order to make a more robust model, the article to disassemble and products will get of it, as are perishable items, which reduce the cost each day they are stored.

Finally, the model considers the seasonality of the product, the model assumes that market costs are dynamic and constantly changing, so that the model can (after a while) be able to statistically determine at what price a product should be offered to a specific client in order to move faster and improve profits right through the rapid inventory turnover, lower storage and use of market situations.

Biography

Jorge Alberto López Ortiz is doing his Master of Business Administration (MBA) from Foundation University of the Americas Puebla, Mexico. He is working as Chief Manufacturing Engineer at RYC, Mexico.

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