

## PROTECTED FLOW MANUFACTURING™ WITH DDMRP

MATERIAL PLANNING AND EXECUTION SOFTWARE THAT ENSURES YOU HAVE ENOUGH INVENTORY WITHOUT HAVING TOO MUCH

**Protected Flow Manufacturing™ (PFM)** ensures that you're always working on the right job/work order at the right time shop-wide and at every work center/department.

**Adding DDMRP to PFM** ensures that you always have enough inventory - finished goods, subassemblies, and purchased items – but never too much.

If your company does a combination of Make-to-Order and Make-to-Stock, PFM and Demand Driven MRP work together to protect both committed due-dates and inventory availability. PFM with DDMRP balances priorities between MTS and MTO work so that actual customer commitments are protected against delays due to false signals to replenish stock items.

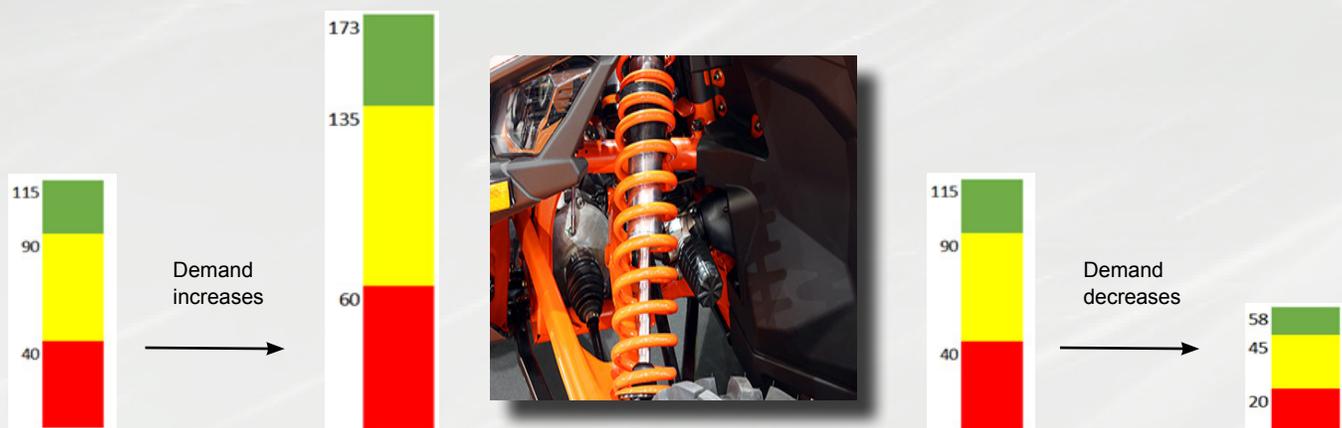
### What is DDMRP?

**(Demand Driven Material Requirements Planning)**

It's Material Planning and Execution for the 21st Century!

*Shock-Absorbers for your Inventory*

*“When it comes to managing your inventory, would you rather be on a roller coaster, or on a smooth, level road?”*



Using historical, current, and future-looking demand information, DDMRP creates a unique “planning buffer” for each part. The planning buffer is like a shock-absorber for each stock position; On one hand, it stops you from ordering too much, and on the other, it triggers replenishment orders when waiting any longer would put that position at risk of running out. This way, you always have enough on hand, but never too much.

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## Stop Guessing!

Demand Driven MRP eliminates the guesswork in planning for materials.

1. Actual Usage triggers replenishment recommendations – not forecasts. This eliminates the constant correction of pulling in or pushing out MRP-generated orders planners deal with on a weekly basis.
2. Eliminates the timing guessing-game. MRP's goal is to time supply / demand to end up with zero inventory. This often results in having to de-expedite orders that MRP told you to expedite previously. DDMRP's goal is to have enough inventory on hand and on order all the time.
3. Planning buffers are dynamic – they flex over time as your actual demand changes always ensuring that you have enough, but never too much, even when demand is far from consistent.

## It's Simple, and it Works!

DDMRP simplifies the entire material planning process and takes the reactive drama out of the day-to-day management of your inventory positions.



Don't take our word for it. See how Protected Flow Manufacturing™ with Demand Driven MRP can work for you:

Using DDMRP, many companies find that they are able to carry less inventory without ever running out. By providing us with some of your inventory information, we can estimate your company's potential inventory savings using DDMRP.

LillyWorks ERP and Protected Flow Manufacturing™ have both been certified as DDMRP Compliant by the Demand Driven Institute (DDI), which was co-founded by Carol Ptak and Chad Smith, the authors of *Demand Driven Material Requirements Planning*.

You can learn more about DDMRP at: [www.demanddrivenmrp.com](http://www.demanddrivenmrp.com)

You can get the book at: [DDMRP by Ptak and Smith on Amazon](https://www.amazon.com/Demand-Driven-Material-Requirements-Planning/dp/0130342111)

**Contact Us to get your DDMRP Inventory Savings Estimate today!**



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