

# Material Requirements Planning – sample screens

## Take charge of your business with PULSE Dashboard & Analytics Software for GP

PULSE DASHBOARD is revolutionary software that lets you leverage your GP system in a new way - with real-time display of vital business metrics and detailed analysis with the click of a mouse. You will track critical factors for your business on your screen in real-time. Other modules include Executive, Customer Service/Shipping, Inventory Control, Purchasing, Financial Control, and Production Control.

### PULSE Dashboard adds value to your Microsoft Dynamics GP investment

- Manage with real-time data, on-screen, company-wide, all the time
- Inconsistencies between reports from different departments are eliminated
- One-click drill-down to view details & One-click report writer generates custom reports
- All screen data exports to Excel/printer/PDF/e-mail
- No tedious set-up - installation & training in an afternoon

### PULSE MRP gives you the information you need:

- Time phasing of demand and replenishment – Our MRP regeneration program creates 25 weekly buckets for demand (from customers and production orders) and 25 weekly buckets for replenishment (from purchase orders and production orders).
- No set-up – Tedious set-up time has been eliminated.

### Time-phasing has been included in your Inventory Status screen

We added MRP time phasing to our existing PULSE Inventory Status screen. Based on demand and replenishment, you can now see the projected on-hand quantity by week.

The screenshot shows the 'Item Item Detailed View' for item E3089 at location CIN. The 'MRP Summary' table is highlighted with a red circle and shows the following data:

|            | Totals  | Past Due | Week 1  | Week 2  | Week 3  | Week 4  | Week 5  | Week 6  | Future Month 1 | Future Month 2 | Future Month 3 | Future Month > 3 |
|------------|---------|----------|---------|---------|---------|---------|---------|---------|----------------|----------------|----------------|------------------|
| Demand     | 1,745   | 51       | 6       | 41      | 392     | 709     | 236     | 310     |                |                |                |                  |
| Replenishm | 4,961   | 1,961    |         | 3,000   |         |         |         |         |                |                |                |                  |
| Net O/H    | 6,297.1 | 4,991.1  | 4,985.1 | 7,944.1 | 7,552.1 | 6,843.1 | 6,607.1 | 6,297.1 | 6,297.1        | 6,297.1        | 6,297.1        | 6,297.1          |

## Pinpoint production component shortages

This screen is part of the PULSE Production module, and it pinpoints component shortages over the next X days. The second screen is the drill-down screen showing you the details for each component.

| Component shortages for POP/SFC orders |          |                    |                 |              |                 |                   |                              |               |
|--|----------|--------------------|-----------------|--------------|-----------------|-------------------|------------------------------|---------------|
| Loc                                    | Item #   | Item Description 1 | Item Pur or MFG | Vend #       | Earliest Demand | O/H Qty (All Loc) | MRP - Replenish Orders Count | Net Qty (Loc) |
| CIN                                    | POLY ... | BUSHING            | P               | 000000005800 |                 | 0                 | 3                            | -13           |
| CIN                                    | POLY ... | BUSHING            | P               | 000000005800 |                 | 0                 | 3                            | -40           |
| CIN                                    | POLY ... | BUSHING            | P               | 000000005800 |                 | 0                 | 3                            | -39           |
| CIN                                    | POLY...  | BUSHING            | P               | 000000005800 |                 | 0                 | 2                            | -22           |
| CIN                                    | POLY ... | BUSHING            | P               | 000000005800 |                 | 0                 | 2                            | -16           |

| MRP - Ord Type           | MRP - Ord Dt | MRP - Ord # | Vend #       | MRP - New Qty On-Hand (Loc) | MRP - Qty Demand/Replenish | MRP - Demand/Replenish Date |
|--------------------------|--------------|-------------|--------------|-----------------------------|----------------------------|-----------------------------|
| Production (Demand)      | 4/28/13      | 00205524    |              | -5                          | -6                         | 5/22/13                     |
| Purchase (Replenishment) | 5/9/13       | 01632100    | 000000005800 | 1                           | 1                          | 5/15/13                     |
| Production (Demand)      | 7/14/13      | 00218639    |              | -4                          | -1                         | 8/8/13                      |
| Production (Demand)      | 7/14/13      | 00218669    |              | -6                          | -2                         | 8/9/13                      |
| Production (Demand)      | 7/15/13      | 00218697    |              | -10                         | -4                         | 8/10/13                     |
| Production (Demand)      | 7/15/13      | 00218862    |              | -6                          | -4                         | 7/24/13                     |
| Purchase (Replenishment) | 7/16/13      | 01724000    | 000000005800 |                             | 3                          | 7/22/13                     |
| Production (Demand)      | 7/21/13      | 00219390    |              | -12                         | -2                         | 8/14/13                     |
| Production (Demand)      | 7/21/13      | 00219412    |              | -13                         | -1                         | 8/16/13                     |
| Purchase (Replenishment) | 7/21/13      | 01727300    | 000000005800 |                             | 3                          | 7/25/13                     |

## Pinpoint shortages by item number, production order, vendor, customer order, etc.

These MRP module screens allow you to pinpoint shortages by any data field.

| Production Components Causing Shortages by Item Number |             |                       |            |                   |              |           |                             |                       |                             |
|--|-------------|-----------------------|------------|-------------------|--------------|-----------|-----------------------------|-----------------------|-----------------------------|
| Vend #   | Item #      | Item Description 1    | Par Item # | MRP - Ord Type    | Customer #   | Org Ord # | MRP - Demand/Replenish Date | MRP - Calc Demand Qty | MRP - New Qty On-Hand (Loc) |
|  | 6283S-48009 | V-IDLER PULLEY        |            | Customer (Demand) | 000000001000 |           | 6/15/13                     | 2                     | -2                          |
|  | 6390-3089   | TURNTABLE PULLEY BELT |            | Customer (Demand) | 000000001000 |           | 6/18/13                     | 1                     | -1                          |
|  | 6390-3089   |                       |            | Customer (Demand) | 000000001000 |           | 6/26/13                     | 1                     | -2                          |
|  | 6390-3693   |                       |            | Customer (Demand) | 000000001000 |           | 6/18/13                     | 2                     | -2                          |
|  | 6390-3693   |                       |            | Customer (Demand) | 000000001000 |           | 6/26/13                     | 1                     | -3                          |
|  | 6390-5420   |                       |            | Customer (Demand) | 000000001000 |           | 6/30/13                     | 1                     | -1                          |
|  | 6390-5420   |                       |            | Customer (Demand) | 000000001000 |           | 6/30/13                     | 1                     | -2                          |
|  | 6390-5425   |                       |            | Customer (Demand) | 000000001000 |           | 6/16/13                     | 1                     | -2                          |
|  |             |                       |            |                   |              |           |                             | 2,418.84              |                             |

| Production Components Causing Shortages by Production Order Number |               |                    |                             |            |                  |                       |                             |
|--|---------------|--------------------|-----------------------------|------------|------------------|-----------------------|-----------------------------|
| MRP - Ord #  | Item #        | Item Description 1 | MRP - Demand/Replenish Date | Par Item # | POP Item Desc 1  | MRP - Calc Demand Qty | MRP - New Qty On-Hand (Loc) |
| Org Ord #: 00205525 (MRP - Calc Demand Qty: 12)                    |               |                    |                             |            |                  |                       |                             |
| 00205525   | BACK-SEE SPEC | LABELS             | 5/9/13                      | 500-E5421  | CANTERBOROUGH... | 4                     | -4                          |
|  | EW33FR        | EDGE HOUSING       | 5/9/13                      | 500-E5421  | CANTERBOROUGH... | 8                     | -8                          |

**For more information or a demonstration, call (513) 723-8091**

We can have PULSE installed and running at your office with your data in one afternoon. On-going enhancements and unlimited training and phone support are included in our annual maintenance.

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