

## Production Control Module – sample screens

### Take charge of your business with PULSE Dashboard Software

PULSE is revolutionary software that lets you leverage your Macola investment a new way—with a real-time display of your vital business metrics, and detailed analysis with the click of a mouse. Other PULSE modules include Executive, Sales & marketing, Customer Service/Shipping, Inventory and Purchasing, Financial Control, and Inventory ABC Class Generator. For more information, go to [www.PULSEdashboard.com](http://www.PULSEdashboard.com).

#### **PULSE Dashboard Software adds value to your Macola investment**

- Track important metrics for your business not found in standard Macola
- 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
- Export all graphs, charts and reports to Excel/printer/PDF/e-mail
- Installation & training in an afternoon

#### **PULSE Production Control gives you capabilities not available elsewhere**

- Raw Materials and Components Causing Shortages – Pinpoint production orders due over the next x days that contain shortages. Drill-down to view each production order and replenishment orders and their dates.
- Production Schedule – View your week by week production schedule over the next 12 weeks. Drill-down to view the details of each production order.
- Production Aging – The aging report shows you the dollar value and quantity of your backlog and in-process orders in weekly and monthly categories to better manage your production.
- Production Order Exceptions – Drill-down to view production orders not released and orders completed but not closed.
- Production Orders to be Completed – Quickly view all past-due orders as well as orders to be completed this week.
- Reported Production – View recently reported production.
- Drill-down into any metric to view the underlying details
- The PULSE Column Chooser allows you to select just the columns you want to display.
- Sort and/or filter on any column.
- Screens can be maximized for easier viewing.
- Anything you see on the screen can be exported to Excel or PDF, printed or e-mailed.

Production Orders Aging						
	\$ Unreleased	\$ Released	\$ In-Process	\$ Total	Qty	%
Current	\$8,463	\$661,327	\$56,902	\$726,692	37,498	98 %
Next 7 Days	\$0	\$5,715	\$2,891	\$8,605	160	1 %
Next 14 Days	\$0	\$703	\$0	\$703	14	0 %
Next 30 Days	\$0	\$1,161	\$736	\$1,896	22	0 %
Next 60 Days	\$0	\$1,219	\$1,048	\$2,267	83	0 %
Over 60 Days	\$0	\$17	\$3,309	\$3,326	93	0 %
<b>Total</b>	<b>\$8,463</b>	<b>\$670,142</b>	<b>\$64,886</b>	<b>\$743,491</b>	<b>37,870</b>	
Number of Orders					2,097	
Avg \$ / Order				\$355		

# PULSE pinpoints raw material and component shortages

View raw materials and components needed for production orders due with due dates over the next X days. Drill-down to view each production order and any replenishment orders and their dates.

In the example below, we need 192 Frames for past due orders. When we drill-down to view the underlying details, we find 8 pending production orders and two pending purchase order receipts that will satisfy the demand. BUT, the purchase orders will arrive too late to meet our production due dates.

Item #	Item Desc 1	Earliest Replenish	Earliest Request	Qty On Hand	Qty On Ord	Qty Allocated	Net Qty	Production (Demand) Orders Count	POP/PO (Replenish) Orders Count	Replenish On Time?
FREIGHT 6390	FREIGHT		05/01/08	0	0	21	-21	8	0	NO
FRAME 6390	FRAMES	07/01/08	05/01/08	0	192	21	171	8	2	NO
FREIGHT 6391	FREIGHT		05/05/08	0	0	53	-53	12	0	NO
FRAME 6391	FRAMES	07/01/08	05/05/08	0	416	53	147	12	1	NO
EW33FR	EDGE HOUSING		05/22/08	0	0	35	-35	6	0	NO
BACK-SEE SPEC	LABELS		05/22/08	0	0	4	-4	1	0	NO
POLY SH #308-CA	BUSHING	05/15/08	05/22/08	0	7	6	-5	1	1	NO
EW6FR	EDGE HOUSING		06/10/08	0	0	78	-78	5	0	NO
INS 24X24X1	SHIPPING CARTO...		06/10/08	0	0	56	-56	2	0	NO
INS 24X24X1.5LBS	SHIPPING CARTO...		06/11/08	0	0	2	-2	1	0	NO
POLY RH 6315	BUSHING		06/14/08	0	0	2	-2	1	0	NO
INS 24X39	SHIPPING CARTO...		06/14/08	0	0	61	-61	16	0	NO
VELCRO	VELCRO		06/18/08	0	0	100	-100	1	0	NO
EW7FR	EDGE HOUSING		06/20/08	0	0	262	-262	9	0	NO
SELF-TIES	PACKAGING		06/20/08	0	0	60	-60	3	0	NO
SELF-TIES/4	PACKAGING MATE...		06/20/08	0	0	40	-40	3	0	NO
POLY FG 6520	BUSHING	07/12/08	06/23/08	0	20	14	-10	2	1	NO

Ord Type	Ord Date	Ord #	Cus #	Par Item #	Demand/Replenish Date	Qty Demand/Replenish	New Qty On-Hand
Production (Demand)	04/22/08	00204629		6390-3251	05/01/08	-1	-1
Production (Demand)	04/29/08	00205933		6390-3091	05/08/08	-3	-4
Production (Demand)	05/09/08	00207937		6390-3090	05/16/08	-1	-5
Production (Demand)	05/14/08	00208732		6390-3090	05/23/08	-1	-6
Production (Demand)	05/27/08	00210626		6390-5439	06/05/08	-1	-7
Purchase (Replenishment)	07/01/08	01706400			07/01/08	50	43
Purchase (Replenishment)	04/30/08	01619600			07/10/08	142	185
Production (Demand)	06/12/08	00214422		6390-3089	07/14/08	-2	183
Production (Demand)	06/12/08	00214423		6390-3693	07/14/08	-3	180
Production (Demand)	06/12/08	00214424		6390-5425	07/14/08	-9	171

## View your production schedule over the next 12 weeks

Conveniently view your production orders by week. Drill-down to view the details of each order. You can make multiple copies of this screen to show, for example, the schedule for individual product lines.

Prod Cat	Item #	Item Desc 1	Earliest Due Dt	Cost \$	Ord Qty	Past Due	Week 1 (Jun-20)	Week 2 (Jun-23)	Week 3 (Jun-30)	Week 4 (Jul-7)	Week 5 (Jul-14)	Week 6 (Jul-21)
SUM	6272S-48009	WHEEL	06/14/08	\$2,621.18	49	49						
SUM	6690-5498	BELT	06/18/08	\$5,714.88	100	100						
SUM	9845-54010	WHEEL	06/20/08	\$728.33	60		8	30	22			
SUM	9846-54010	WHEEL	06/20/08	\$1,714.94	66		8		14	18		26
SUM	6520-45310-0005	TURNTABLE MOTOR ...	06/23/08	\$41.58	2			2				
SUM	6386-3091	TURNTABLE PULLEY ...	06/24/08	\$95.23	3			3				
SUM	6392-3693	TURNTABLE PULLEY BE...	06/24/08	\$1,627.63	12			6				
SUM	6273-3251	WHEEL	06/24/08	\$567.99	10			4				6
SUM	6242-3251	PRODUCT LINE PAINTIN...	06/26/08	\$595.19	36			2			16	18
SUM	6392-5420	TURNTABLE PULLEY BE...	06/26/08	\$804.88	6			2		4		
SUM	6392-5435	TURNTABLE PULLEY BE...	06/26/08	\$950.09	7			5		2		
SUM	9847-54010	WHEEL	06/26/08	\$3,202.18	61			11		20	30	
SUM	9959-D843/5414	BELT	06/29/08	\$464.96	48			48				
SUM	9959-D844	BELT	06/29/08	\$186.86	20			20				
SUM	9787-D843/5414	POLISHING WHEEL ...	06/29/08	\$43.89	5			5				
SUM	9788-D844	POLISHING WHEEL ...	06/29/08	\$59.26	5			5				

## View the cost value of you existing and future production orders

This screen assist you to plan your in-process and upcoming orders by showing you the dollar value of inventory you will complete these orders. The aging categories are user-defined.

Production Orders Aging						
	\$ Unreleased	\$ Released	\$ In-Process	\$ Total	Qty	%
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## Production exceptions

Drill-down to view production orders not released, orders completed but not closed and all shortages.

Production Orders Exceptions	
Category	Number
Orders not released	81
Component shortages	331
Completed, but not closed	5

## Orders to be completed

Quickly view all past-due orders as well as orders to be completed this week. You can optionally include unreleased as well a dependent orders.

Production Orders to be Completed						
Due Dt	PP Ord #	Item #	Item Desc 1	Cost \$	Ord Qty	
05/01/08	00204629	6390-3251	TURNTABLE PULLEY BEL...	\$332.18	2	
05/02/08	00201369	009-E5442	WHEEL	\$50.33	2	
05/05/08	00203894	6391-5435	TURNTABLE PULLEY BEL...	\$739.55	3	
05/08/08	00205933	6390-3091	TURNTABLE PULLEY BEL...	\$701.60	4	
05/16/08	00207937	6390-3090	TURNTABLE PULLEY BEL...	\$173.83	1	
05/19/08	00207942	6391-3091	TURNTABLE PULLEY BEL...	\$255.22	1	
05/22/08	00205525	500-E5421	PRODUCT LINE ALPHA ...	\$123.05	4	
05/22/08	00205524	308-E5421	PULLEY ADAPTER	\$363.39	6	
05/22/08	00205523	223-E5421	WHEEL PROTECTOR ...	\$87.80	6	

## Reported production

Conveniently view recently reported production.

Reported Production						
Trx Dt	Ord Type	PP Ord #	Item #	Item Loc	Complete Fg	Reported Qty
						0

**For questions or a demonstration of the PULSE software,  
call Terry Lanham in Cincinnati at (513) 723-8091**

In one afternoon, you can have PULSE installed and running at your office with your data. On-going enhancements as well as unlimited set-up, training and phone support are all included. We encourage your phone calls with suggestions for making PULSE work better for your organization. We also offer custom modifications, but if your suggestions will be applicable to other users, they are made at no charge.

Visit [www.PulseDashboard.com](http://www.PulseDashboard.com)

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Our software is 100% designed and developed in America.