

Take charge of your business with PULSE Dashboard & Analytics Software

Inventory Control Module

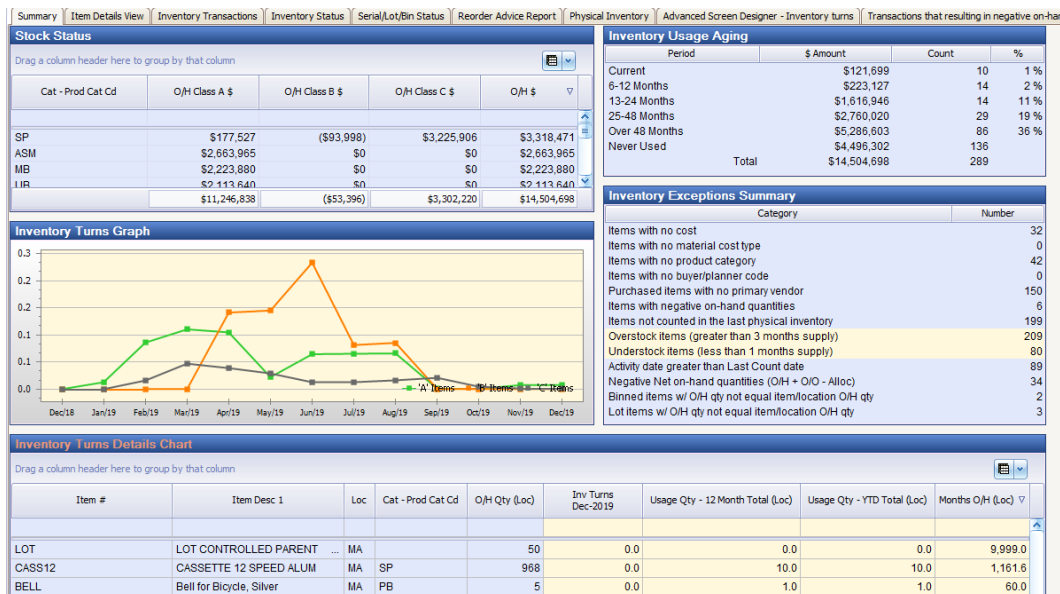
PULSE DASHBOARD is revolutionary software that lets you leverage your Macola® investment in a new way —with a real-time display of vital business metrics and detailed analysis with the click of a mouse. You can track critical factors for your business on-screen and in real time. Other PULSE Dashboard modules include Executive, Customer Service & Shipping, Financial, Sales and Marketing, Purchasing, Production, and MRP.

PULSE Dashboard & Analytics adds value to your Macola® investment

- Manage real-time data, on-screen, company-wide, all the time
- Important metrics not found in standard Macola® software
- One-click drill-down to view the underlying details
- One-click report writer to select the report columns you need
- Export all data to Excel/printer/PDF/e-mail
- Installation & training in an afternoon

PULSE Inventory extends the value of your Macola software investment

- Inventory Turns are calculated nightly
- Inventory Aging
- Stock Status Report shows dollars by location by inventory class
- Inventory Status computes monthly on-hand, etc., statistics for 23 months
- Reorder Advice helps with determining what items should be ordered
- Physical Inventory reports provide faster and more accurate counting
- Right-click to create Macola® POP, Purchase, or Sales Orders
- ABC Class Generator
- Auto Recalc min/max/safety stock levels based on your company rules



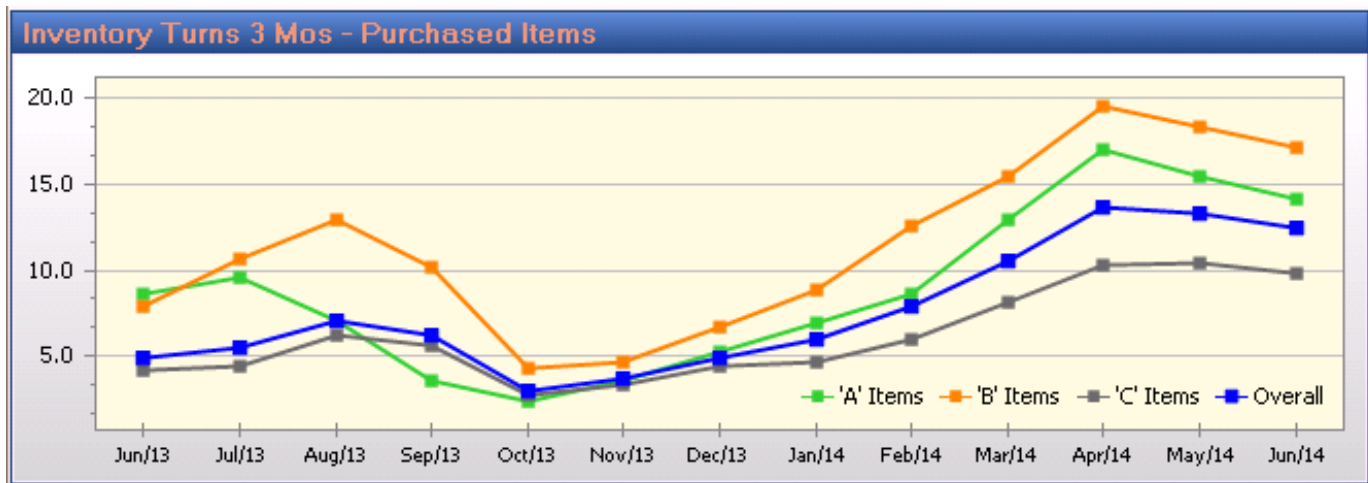
PULSE Inventory Status profiles each item, including monthly activity

View critical data on each item in an easy-to-read grid: on-hand quantity, date of last usage, sale, purchase, manufacture, months on-hand, and inventory balances for the past 12 months, etc.

Inventory Status																					
Drag a column header here to group by that column																					
Loc	Item #	Item Description	Prod Cat	Pur or MFG	O/H \$	On-Order Qty (Loc)	Qty Allocated (Loc)	O/H Qty (Loc)	Ord Up to Lvl	Safety Stk	Reordr Lvl	PO Lead Time	Months O/H (Loc)	Usage Qty - 3 Month Avg (Loc)	Usage Qty - 6 Month Avg (Loc)	Usage Qty - 12 Month Avg (Loc)	Last Usage Date	Last Purch Date	Last IM Activity Date	Last Mfg Date	Last Sale Date
CIN	EW7...	EDGE HOUSING	FAB	P	\$487,743	0	198	140,263	7874.0000	0.0000	7,087	90	178.1	1,155.0	1,574.8	787.4	6/20/21	6/9/19	6/20/21		
CIN	POLY...	BUSHING	POL	P	\$41,333	0	0	1,708	0.0000	0.0000	0	90	176.7	0.0	0.0	9.7	12/11/20	12/19/20	12/19/20		
CIN	POLY...	BUSHING	POL	P	\$966	0	0	286	0.0000	0.0000	0	90	171.6	0.0	0.0	1.7	10/23/20	4/1/21	4/1/21		
CIN	C544...	LABELS	FAB	P	\$21	0	0	77	0.0000	0.0000	0	90	168.0	0.0	0.0	0.5	7/19/20	7/19/20	7/19/20		
CIN	FOAM...	SOUND DEADENI...	PAC	P	\$191	0	0	166	5440.0000	0.0000	1,800	90	166.0	0.0	2.0	1.0	3/14/21	3/4/21	3/14/21		
CIN	E562...	EDGE HOUSING	FAB	P	\$724	0	0	105.48	0.0000	1.0000	0	90	159.9	2.6	1.3	0.7	6/6/21	5/29/21	6/6/21		
CIN	9848...	WHEEL	SUM	M	\$142	0	0	13	0.0000	0.0000	0	90	156.0	0.0	0.2	0.1	1/25/21	2/13/21	2/13/21	1/25/21	
CIN	F400...	FRONT HOUSING	FAB	P	\$615	0	0	63.09	0.0000	0.0000	0	90	154.1	1.6	0.8	0.4	6/13/21	6/4/21	6/13/21		
CIN	E314...	EDGE HOUSING	FAB	P	\$8,929	0	0	1,389.91	0.0000	0.0000	0	90	151.5	0.0	0.0	9.2	7/19/20	9/2/19	7/19/20		
CIN	C611...	LABELS	FAB	P	\$489	0	0	139.56	5440.0000	1.0000	1,800	90	150.2	3.7	1.9	0.9	4/8/21	5/10/20	4/8/21		
CIN	2373...	CASING	FAB	P	\$8,400	0	0	1,400	0.0000	0.0000	0	90	150.0	0.0	0.0	9.3	11/7/20	10/11/20	11/7/20		
CIN	POLY...	BUSHING	POL	P	\$1,657	0	0	186	5440.0000	0.0000	1,800	90	148.8	0.0	0.0	1.3	6/25/20	6/14/20	6/25/20		
CIN	CART...	SHIPPING CARTO...	CTN	P	\$10,978	0	0	3,796.95	5440.0000	0.0000	1,800	90	138.1	0.0	0.0	27.5	11/29/20	10/22/20	11/29/20		
CIN	POLY...	BUSHING	POL	P	\$7,748	0	7	1,145	0.0000	0.0000	0	90	134.7	26.7	13.3	8.5	6/6/21	5/8/21	6/6/21		
CIN	POLY...	BUSHING	POL	P	\$123	0	0	22	5440.0000	0.0000	1,800	90	132.0	0.3	0.2	0.2	4/18/21	4/15/21	4/18/21		
CIN	CART...	SHIPPING CARTO...	CTN	P	\$11,503	0	11	1,961.51	0.0000	0.0000	0	90	126.9	20.7	10.8	15.5	6/9/21	6/3/20	6/9/21		
CIN	EW39...	EDGE HOUSING	FAB	P	\$5,586	0	5,381	396.868	0.0000	0.0000	0	90	125.0	10,676.3	6,346.8	3,175.6	6/20/21	8/15/20	6/20/21		
CIN	3003...	WHEEL HOUSING	SUM	M	\$379	0	0	20	0.0000	0.0000	0	90	120.0	0.7	0.3	0.2	4/7/21	4/7/21	4/7/21	4/4/21	4/7/21
CIN	F542...	EDGE HOUSING	FAB	P	\$380	0	0	54.62	0.0000	0.0000	0	90	115.4	1.9	0.9	0.5	6/4/21	5/29/21	6/4/21		

PULSE Tracks Inventory Turns

The purpose of increasing inventory turns is to reduce holding costs and overall inventory. Turns are an indication of the movement of inventory. An item that turns over once per year will have higher holding costs versus turning more frequently. Turns are calculated by dividing usage over 3,6,9, or 12 months by the average on-hand inventory during the same time period. View turns for purchased items or manufactured items.



View details for any item for Available to Promise, Usage, Serial/Lot/Bin, MRP Summary or Detail, Bill of Material, and Where Used. This flexible report may be changed and adapted for many uses. MRP information is available in PULSE even without the Macola® MRP Module. A NEW feature is to be able to insert "buttons" on the screen to display sales or usage history, transactions, on-time shipping, or inventory turns graphs.

PULSE Increases your Accuracy and Timing of Cycle/Physical Inventory Counts

- | | | | | | | | |
|---------|------------------|---------------------------|------------------|-----------------------|---|-----------------------------|--------------|
| Summary | Inventory Status | Item Details with buttons | Inventory Trans. | Reorder Advice Report | Recalculate min, max, safety stock and P/O lead times | Reorder Advice Report - Tom | Single-Level |
|---------|------------------|---------------------------|------------------|-----------------------|---|-----------------------------|--------------|

Physical/Cycle Inventory Count Variances											
Drag a column header here to group by that column											
Batch ID	Item #	Item Description	Inv Class	Item UOM	Tag - Frozen Qty	Tag - Counted Qty	Tag - Variance %	Tag - Variance Qty	Tag - Frozen Cost \$	Tag - Variance \$	
■□□	■□□	■□□	■□□	■□□	=	=	=	=	=	=	
LA	HT0...	HOUSING	C	EA	45,000.00	44,200.00	-2%	-800.00	\$0.00	\$0	
LA	E48...	EDGE HOUSING	...	A	YD	1,726.59	1,500.00	-13%	-226.59	\$6.93	(\$1,571)
LA	E54...	EDGE HOUSING	...	A	YD	784.71	700.00	-11%	-84.71	\$6.90	(\$584)
LA	E54...	EDGE HOUSING	...	C	YD	546.48	600.00	10%	53.52	\$6.75	\$361
LA	E54...	EDGE HOUSING	...	A	YD	599.43	560.00	-7%	-39.43	\$6.91	(\$272)
LA	E54...	EDGE HOUSING	...	A	YD	575.38	550.00	-4%	-25.38	\$6.94	(\$176)
						=49,283.00				=(20,255,851)	

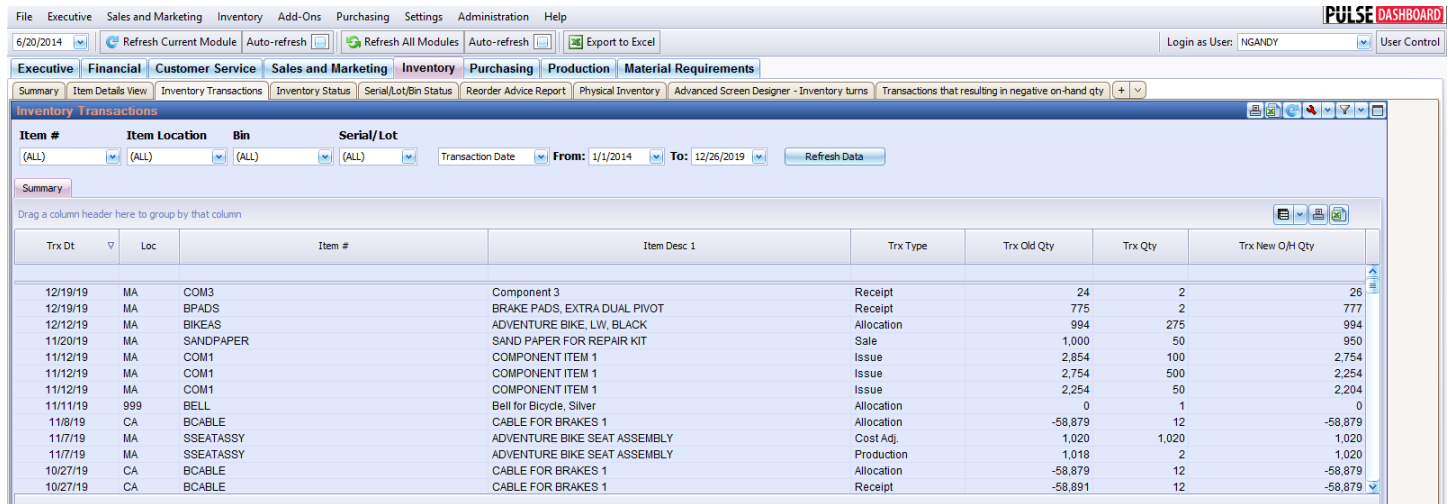
Physical inventory variances and items not counted											
Drag a column header here to group by that column											
Item #	Item Description	Prod Cat	Loc	Frz Cost \$	Frozen Units	Counted Units	Tag Count	Difference Units	Difference Dollars		
■□□	■□□	■□□	■□□	=	=	=	=	=	=	=	
4/32" ...	ROPE	PAC	CIN	\$0.018852	1467530	0	1	-1467530	-27666		
EW4...	EDGE HO...	FAB	CIN	\$4.957975	1050000	0	1	-1050000	-5205874		
LABEL...	PACKAGI...	PAC	CIN	\$0.006018	660700	0	1	-660700	-3976		
LABEL...	PACKAGI...	PAC	CIN	\$0.009594	472000	0	1	-472000	-4528		
EW4...	EDGE HO...	FAB	CIN	\$0.010422	200000	0	1	-200000	-2497		
					SUM=49283			SUM=-636696			

Physical/Cycle Inventory Count Variances							
Drag a column header here to group by that column							
Batch ID	Tag - Frozen Qty	Tag - Counted Qty	Tag - Variance %	Tag - Variance Qty	Tag - Frozen Cost \$	Tag - Variance \$	
■□□	=	=	=	=	=	=	
LA	54,286.25	49,283.00	-9%	-5,003.25	\$72.61	(\$34,763)	
GERMANY	2,553.40	0.00	-100%	-2,553.40	\$23.25	(\$5,276)	
NY	6,783.00	0.00	-100%	-6,783.00	\$1,384.33	(\$6,604,585)	
CHINA/INDIA	16,004,160.46	0.00	-100%	-16,004,160.46	\$1,571.03	(\$13,641,000)	

Physical Inventory Prior Year Variance				
Loc	Item #	Item Desc 1	Variance	
■□□	■□□	■□□	=	

PULSE Displays Inventory Transactions in an Easy-To-Read Format

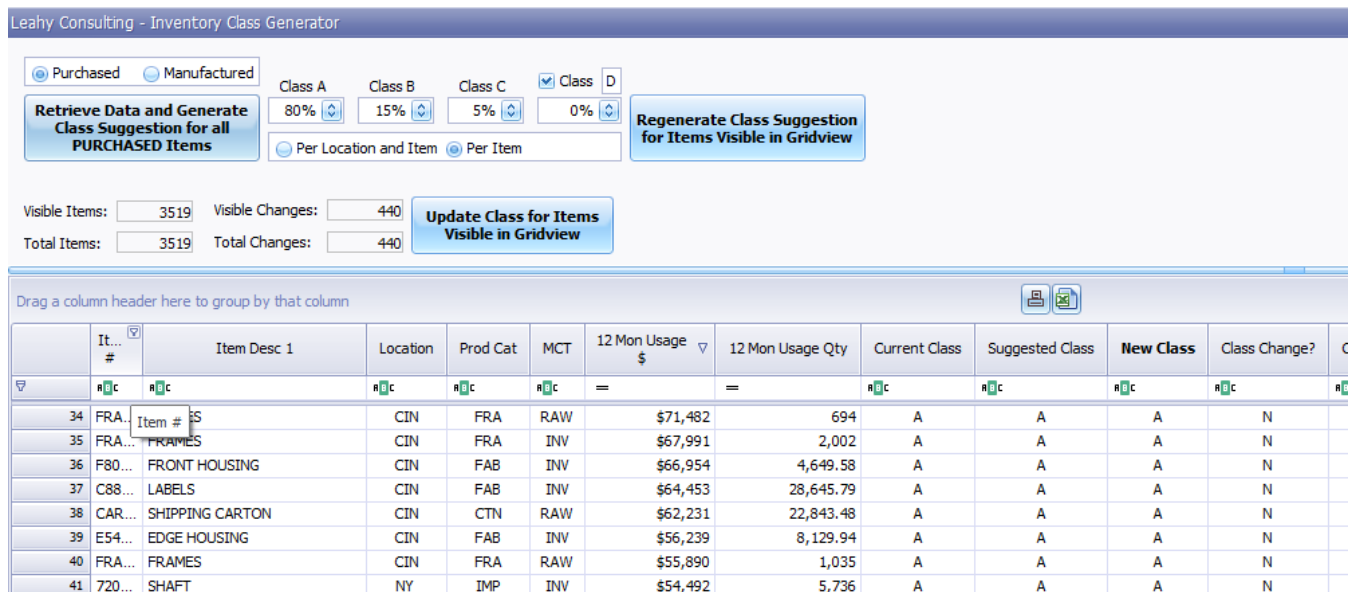
Inventory transactions are quickly and easily displayed for an item for a given date range and transaction type. This report may be sorted or grouped as needed.



Trx Dt	Loc	Item #	Item Desc 1	Trx Type	Trx Old Qty	Trx Qty	Trx New O/H Qty
12/19/19	MA	COM3	Component 3	Receipt	24	2	26
12/19/19	MA	BPADS	BRAKE PADS, EXTRA DUAL PIVOT	Receipt	775	2	777
12/12/19	MA	BIKEAS	ADVENTURE BIKE, L.W. BLACK	Allocation	994	275	994
11/20/19	MA	SANDPAPER	SAND PAPER FOR REPAIR KIT	Sale	1,000	50	950
11/12/19	MA	COM1	COMPONENT ITEM 1	Issue	2,854	100	2,754
11/12/19	MA	COM1	COMPONENT ITEM 1	Issue	2,754	500	2,254
11/12/19	MA	COM1	COMPONENT ITEM 1	Issue	2,254	50	2,204
11/11/19	999	BELL	Bell for Bicycle, Silver	Allocation	0	1	0
11/8/19	CA	BCABLE	CABLE FOR BRAKES 1	Allocation	-58,879	12	-58,879
11/7/19	MA	SSEATASSY	ADVENTURE BIKE SEAT ASSEMBLY	Cost Adj.	1,020	1,020	1,020
11/7/19	MA	SSEATASSY	ADVENTURE BIKE SEAT ASSEMBLY	Production	1,018	2	1,020
10/27/19	CA	BCABLE	CABLE FOR BRAKES 1	Allocation	-58,879	12	-58,879
10/27/19	CA	BCABLE	CABLE FOR BRAKES 1	Receipt	-58,891	12	-58,879

PULSE Computes your Inventory ABC Class Codes (see separate flyer for more details)

Assigning ABC codes is a way of managing your inventory based on dollar usage over the prior 12 months. They need to be recalculated periodically by item. Our software allows you to override the suggested new class if needed.



Item #	Item Desc 1	Location	Prod Cat	MCT	12 Mon Usage \$	12 Mon Usage Qty	Current Class	Suggested Class	New Class	Class Change?
34	FRA... Item # 35	CIN	FRA	RAW	\$71,482	694	A	A	A	N
35	FRA... FRAMES	CIN	FRA	INV	\$67,991	2,002	A	A	A	N
36	F80... FRONT HOUSING	CIN	FAB	INV	\$66,954	4,649.58	A	A	A	N
37	C88... LABELS	CIN	FAB	INV	\$64,453	28,645.79	A	A	A	N
38	CAR... SHIPPING CARTON	CIN	CTN	RAW	\$62,231	22,843.48	A	A	A	N
39	E54... EDGE HOUSING	CIN	FAB	INV	\$56,239	8,129.94	A	A	A	N
40	FRA... FRAMES	CIN	FRA	RAW	\$55,890	1,035	A	A	A	N
41	720... SHAFT	NY	IMP	INV	\$54,492	5,736	A	A	A	N

PULSE Recalculates Your Min, Max, Safety Stock, & Vendor Lead Times Based on Your Company's Unique Rules (see separate flyer for more details)

- We customize the setup screen to follow your unique inventory management rules for calculating the reorder level, order up to level, safety stock level, and vendor lead time days for each purchased & manufactured item.
- Many companies set these when the item was initially created and never look back as usage or lead times change. Vendor lead times, for example, are usually broad verbal estimates.
- Automate one of the most tedious and inaccurate areas of Macola®.
- The program recommends new levels, but you can override them.

Recalculate Reorder Level - Cap												
Calculate Values Update Values History Report Exempt Items Lead Time												
Drag a column header here to group by that column												
Item #	Item Description	On Hand Qty	Current Min	New Min	Min Difference	Current Max	New Max	Max Difference	Current Safety	New Safety	Safety Difference	Avg Monthl
310	POLY 1.25... BUSHING	0.00	875	875	0	972	972	0	0	194	194	
311	POLY 1.25... BUSHING	0.00	12879	12879	0	14310	14310	0	0	2862	2862	
312	POLY 1.25... BUSHING	1,145.00	0	0	0	0	0	0	0	13	13	
313	POLY 1.25... BUSHING	0.00	10588	10588	0	11764	11764	0	0	2352	2352	
314	POLY 1.25... BUSHING	0.00	0	0	0	0	0	0	0	0	0	
315	POLY 1.25... BUSHING	0.00	0	0	0	0	0	0	0	21	21	
316	POLY 1.4 ... BUSHING	1,345.00	1800	1800	0	5440	5440	0	0	0	0	
317	POLY 1.4 ... BUSHING	342.00	1800	1800	0	5440	5440	0	0	0	0	
318	POLY 1.5 ... BUSHING	30.00	1800	1800	0	5440	5440	0	0	0	0	
319	POLY 1.5 ... BUSHING	16.00	0	0	0	0	0	0	0	0	0	
320	POLY 1.5 ... BUSHING	309.00	0	0	0	0	0	0	0	11	11	
321	POLY 1.5 ... BUSHING	24.00	0	0	0	0	0	0	0	0	0	

Bill of Materials – single-level & multi-level

We offer two bill of materials (BOM) reporting options:

- The Single-Level BOM report is a standard report that comes with the software. This report can easily be converted to a Single-Level Where-Used report.
- The Multi-Level BOM report was developed for customers needing a custom report that can be adjusted to meet various needs.

Parent Item #				
Parent Desc...	Comp Item #	Component Description	Seq #	Qty Per Par
Parent Item #: 003-E3000-0054				
... E3000...	...	EDGE HOUSING	1	1.75
... ZIPPER...	...	ZIPPER BAGS	2	1.33
... ZIPPER...	...	ZIPPER BAGS	3	1
... CORDI...	...	PACKAGING MATERIA...	4	7.5
... POLY S...	...	BUSHING	5	1

Prod Cat	Loc	Item #	Item Description	Pur or MFG	Last Mfg Dt	Average Cost	Std Cost
FAB	CIN	003...	WHEEL	M	6/13/21	\$23.592250	\$0.000000
FAB	CIN	005...	WHEEL	M	5/19/21	\$24.227332	\$0.000000
SUM	CIN	009...	WHEEL	M	6/18/21	\$24.608280	\$0.000000
SUM	CIN	011...	WHEEL	M	11/21/19	\$22.393935	\$0.000000
SUM	CIN	102...	HOUSING	M	5/27/21	\$67.597064	\$0.000000
SUM	CIN	104...	HOUSING	M	6/11/21	\$57.091551	\$0.000000
SUM	CIN	134...	HOUSING	M	6/18/21	\$41.552834	\$0.000000
SUM	CIN	135...	HOUSING	M	3/14/20	\$125.288...	\$0.000000
SUM	CIN	145...	HOUSING	M	12/8/19	\$14.513686	\$0.000000

Item #	Parent Loc	Level	Seq #	Parent Item Desc	Comp Item #	Comp Item Desc	Activity Flag	Pur Mfg	Qty Per Par	Qty On Ord	Qty Alloc	Comp Loc	Average Cost	Extended Avg Cost	Extended Std Cost	Scrap Factor	Scrap Qty
003-E3...	CIN	0	1	WHEEL	E30...	EDGE HOUSING	A	P	1.75	0.00	123.43	CIN	\$6.440446	11.27078...	12.16250...	0	0
003-E3...	CIN	0	2	WHEEL	ZIPP...	ZIPPER BAGS	A	P	1.33	0.00	12.09200	CIN	\$0.300000	0.399000...	0.399000...	0	0
003-E3...	CIN	0	3	WHEEL	ZIPP...	ZIPPER BAGS	A	P	1	0.00	6.91800	CIN	\$0.045000	0.045000...	0.045000...	0	0
003-E3...	CIN	0	4	WHEEL	COR...	PACKAGING MATERIAL	A	P	7.5	0.00	50.96471	CIN	\$0.020000	0.150000...	0.150000...	0	0
003-E3...	CIN	0	5	WHEEL	POL...	BUSHING	A	P	1	4.00	6.00	CIN	\$6.880000	6.880000...	6.880000...	0	0
003-E3...	CIN	0	6	WHEEL	EWFR	EDGE HOUSING	A	P	1	0.00	1.15127	CIN	\$0.018481	0.018481...	0.000000...	0	0
003-E3...	CIN	0	7	WHEEL	POL...	BUSHING	A	P	4	0.00	58.15903	CIN	\$0.100000	0.400000...	0.400000...	0	0
003-E3...	CIN	0	8	WHEEL	W0005	LABEL	A	P	1	0.00	936.00	CIN	\$0.018100	0.018100...	0.028190...	0	0
003-E3...	CIN	0	9	WHEEL	LABOR	LABOR COST	N	P	0.31	0.00	6.06854	CIN	\$10.500000	3.255000...	3.255000...	0	0
003-E3...	CIN	0	10	WHEEL	OVE...	OVERHEAD COST	N	P	0.31	0.00	6.03025	CIN	\$10.500000	3.255000...	3.255000...	0	0
E3000...	CIN	1	1	EDGE HOUSING	E3409	EDGE HOUSING	A	P	2.46	2.00000	281.97	CIN	\$8.244070	20.28041...	20.29500...	0	0

Create Purchase Orders in Macola from Pulse Dashboard (see separate flyer for more details)

Adding a Macola® Purchase Order, POP Production Order, or Customer Order is available. Right-click on any item number to display the menu listing Macola Processes. You can create an Unreleased, Released, or Printed Purchase Order for the item. Additional items may also be added to the Order as needed.

Pulse Dashboard for Macola

File Executive Sales and Marketing Inventory Add-Ons Settings Administration Help

1/19/2016 Refresh Current Module Auto-refresh Refresh All Modules Auto-refresh Export to Excel

Executive Financial Customer Service Sales and Marketing **Inventory** Purchasing Production Material Requirements

Summary Inventory Status Item Details View Physical Inventory Inventory Transactions +

Inventory Status

Drag a column header here to group by that column

Loc	Item #	Cat - Prod Cat Cd	Item Pur or MFG	O/H \$	O/H Qty (Loc)	On-Ord Qty (Loc)	Qty Allocated (Loc)	Months O/H (Loc)	Usage Qty -
MA	CLAMP	SP	P	\$2,449	2,449	0	15	29,388.1	
MA	Item #: COM1	A	M	(\$5)	-1	0	0	-12.0	
MA	Shared Tabs		P	\$30,130	3,013	10	142	-11.4	
MA	Permanent Tabs	SP	P	\$1,878	939	10	2	5,634.0	
MA	Apply to Report	AB	M	\$1,071,660	1,011	69	51	12,132.0	
CA	Macola Processes	SP	P	\$6	618	0	2	741.6	
MA	Create POP Order			\$39,072	4,884	0	12	58,608.2	
MA	Create Purchase Order			\$304	304	0	72	608.0	
MA	Create OE Order			\$15,904	994	0	14	11,928.0	
MA				(\$180)	-4	1,300	1,258	-12.0	
MA	FORK	SP	P	\$43,500	435	0	140	2,610.0	
MA	PSEATASSY	ASM	M	\$70,910	1,013	15	38	6,078.0	
MA	HBASSY	ASM	M	\$0	0	17	123	0.0	
MA	BCABASSY	ASM	M	\$76,224	794	0	117	4,764.0	
MA	PFRAMEASSY	ASM	M	\$236,500	946	0	38	5,676.0	
MA	BOLT	SP	P	\$41	10,220	20	1,260	0.000.0	

When the User selects the option to add a Purchase Order, a screen is displayed to enter the Vendor, Item Number, quantity, and price to Order. When finished, select Save, and the Order is added to your Macola database.

Order Number 131

Vendor 100 Shimani Corporation Buyer/Planner 0 Hour planning Order Date 1/19/2016

Options

Payment Terms 30 Net 30

Status Unreleased

Tax Code

Collect/Prepaid

Add Landed Cost ☒

Address

West Bend Corporate Park
2, Holland Drive
Irvine
CA
92618

Edit

Main Contact

Peggy Schoen
Manager
Peggy@shimani.com
Tel 909-567-9494

Edit

Line Items

Drag a column header here to group by that column

Line #	Item #	Δ	Vend Item #	Desc 1	Desc 2	Job Number	Stk Loc	Δ	Move-To	Request Dt	Promise Date	UOM	Unit Cost	Unit Weight	Quantity	Notify	Cmt Cd 1	Cmt Cd 2	Comments
1	COM1		...	STUFF	...	COMPONENT ITEM 1	...		MA	MA	1/29/16	1/19/16	EA	\$10.00	0.00				

Record 1 of 1

Shipping

Ship Via

Ship-To MFG Mig Plant

FOB CA California

Totals

Total Cost \$0.00

Total Weight 0.00

Total CBM 0.00

Save

For more information on any of our PULSE family of Macola® add-on software products, call (513) 723-8091

Leahy Consulting is an independent ERP consulting company with over 30 years of experience supporting and optimizing the Macola® ERP software. Leahy Consulting is not associated with ECI® Software.

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