

# Exact Macola ES: Shop Floor Control

**Macola ES Shop Floor Control (SFC) package is designed to help manufacturers effectively manage their production floor by providing planning, visibility, expediting and comprehensive material management at the shop order level.**

Macola ES SFC module is designed with the detailed management of activities and the flow of materials inside the plant. It plans and tracks the workers, materials, tools, machines and time utilized in production so that the activities of production are visible throughout the organization to authorized users. With Macola ES SFC your company can finally manage all of the resources related to manufacturing and capture the detail to fully understand your costs and plant efficiency. Macola ES SFC is streamlined to minimize the effort required to operate while maximizing the benefit for your company.

Macola ES SFC works in a variety of environments including make-to-stock, make-to-order, engineer-to-order and batch environments.

## **Manufacturing Cost Accounting Interface**

All Macola ES SFC transactions involving financial impact are recorded in the Manufacturing Cost Accounting (MCA) package (required with SFC). MCA will capture your actual costs of production and provide detailed analysis of actual costs to planned.

## **Easy Order Entry Integration**

Back-orders are easily addressed with Macola ES SFC. The system makes it possible to create shop orders directly from Order Entry (O/E) for the back-ordered quantity. When completed, quantity is entered in Macola ES SFC. It then automatically updates the quantity to ship in the customer order.

## **Streamlined Integration with MRP**

Both computer-planned and firm-planned orders can create shop orders automatically from Material Requirements Planning (MRP) into Macola ES SFC. This streamlined process provides the flexibility to apply standard routings or alternate routings to fulfill demand.



## **Macola ES Shop Floor Control business benefits:**

- Issue/return materials manually or automatically at definable operations so that inventory is tracked and managed properly
- Tracks material shortages against shop orders so that receiving has visibility of products that need to be expedited to the proper shop order and work center
- Supports KanBan and floor stock environments
- Automatically creates purchase orders for outside services with excellent integration of receiving so that operation completion is done in one step with the receipt of the purchase order
- Provides an excellent solution for non-conforming production with Material Review Board functionality, scrap handling and tracking

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## Online Picking and Dispatching

Macola ES SFC can facilitate your move to a paperless environment with online dispatchers and online, interactive material picking. These two unique interfaces allow the stock room and the scheduler to work with the system interactively, without the need to print anything.

## Shop Floor Activity Reporting

Activities reported from the shop floor, machine hours and quantity completion are efficiently processed online. Labor entry processes have been designed to speed up the entry process for those sophisticated users who want to collect this data electronically through a shop data collection system.

## Material Backflush and Issuing

Material can be issued against a shop order using a number of options:

- They could be backflushed at count point operations defined at the component level - different components can be relieved automatically at different operations, thus providing a great way to plan and maintain accurate WIP and storeroom inventory.
- All material can be issued up front (forward flushed) to cater to a kit issue environment.
- Material can be issued one-at-a-time for greater control.
- Material can be issued out of multiple floor locations and multiple bins. You can also issue/receive items that are serialized and lotted during activity reporting or material issuance.

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- Uses online picking and dispatching to save time and issue material to jobs
- Creates shop orders directly from sales orders including production comments - fulfillment of the shop order prompts the billing of the sales order
- Creates orders manually or from MRP
- Reports and tracks scrap and yield information
- Creates cost information without displaying costs to production personnel
- Flexible Inquiries in shop order status and location of goods on the shop floor
- Provides full transactional history for performance analysis
- Crew reporting is supported with the use of the Labor Performance module

Sel	Bkflsh	Comp Item No.	Comp Item Description	Component Item Description 2	Loc	Neec
		SFRAMEASSY	Frame Assembly, Teardrop, Bk	SF, Assembly	MA	12/21
	✓	SSEATASSY	Adventure Bike Seat Assembly	Pull, SF	MA	12/21
		BPADS	Brake Pads, Extra Dual Pivot		MA	12/21
	✓	HBASSY	Handlebar Assembly	Pull, POP	MA	02/21
	✓	BCABASSY	Brake and Cable Assembly		MA	02/21
	✓	FORK	Fork, Bk, Titanium Mesh	1" Carbon Steerer, 43MM Rake	MA	04/02
	✓	TIRES	Tires 26x1.95" front and rear	Bontrager Race Model	MA	04/21

The shop order entry screen lets you create shop orders in a streamlined manner and release them to the shop

For more information about **Macola ES Shop Floor Control**, please contact your business partner or account representative today, or visit [www.exactamerica.com/macola](http://www.exactamerica.com/macola).