



JD Edwards World

Orderless Processing

Version A9.2

Revised – May 26, 2009

Copyright Notice

Copyright © 2009, Oracle. All rights reserved.

Trademark Notice

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

License Restrictions Warranty/Consequential Damages Disclaimer

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

Subject to patent protection under one or more of the following U.S. patents: 5,781,908; 5,828,376; 5,950,010; 5,960,204; 5,987,497; 5,995,972; 5,987,497; and 6,223,345. Other patents pending.

Warranty Disclaimer

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

Restricted Rights Notice

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS

Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

Hazardous Applications Notice

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Third Party Content, Products, and Services Disclaimer

This software and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third party content, products and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third party content, products or services.

Contains GNU libgmp library; Copyright 1991 Free Software Foundation, Inc. This library is free software which can be modified and redistributed under the terms of the GNU Library General Public License.

Includes Adobe PDF Library, Copyright 1993-2001 Adobe Systems, Inc. and DL Interface, Copyright 1999-2008 Datalogics Inc. All rights reserved. Adobe is a trademark of Adobe Systems Incorporated.

Portions of this program contain information proprietary to Microsoft Corporation. Copyright 1985-1999 Microsoft Corporation.

Portions of this program contain information proprietary to Tenberry Software, Inc. Copyright 1992-1995 Tenberry Software, Inc.

Portions of this program contain information proprietary to Premia Corporation. Copyright 1993 Premia Corporation.

This product includes code licensed from RSA Data Security. All rights reserved.

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>).

This product includes cryptographic software written by Eric Young (ey@cryptsoft.com).

This product includes software written by Tim Hudson (tjh@cryptsoft.com). All rights reserved.

This product includes the Sentry Spelling-Checker Engine, Copyright 1993 Wintertree Software Inc. All rights reserved.

Open Source Disclosure

Oracle takes no responsibility for its use or distribution of any open source or shareware software or documentation and disclaims any and all liability or damages resulting from use of said software or documentation. The following open source software may be used in Oracle's JD Edwards World products and the following disclaimers are provided.

This product includes software developed by the Apache Software Foundation (<http://www.apache.org/>). Copyright (c) 1999-2000 The Apache Software Foundation. All rights reserved. THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Table of Contents

Orderless Processing	2
Overview.....	2
Orderless Completion (P3116).....	3
Orderless Completion Inquiry (P31161).....	4
Orderless Manufacturing Accounting (P31862)	6

Orderless Processing

Overview

In a lean environment, many common items, sub-assemblies, or service parts might be assembled or fabricated without the need for a work order and the administrative cost that goes with a work order. Users would simply manufacture or assemble the item and complete it to stock.

An Orderless Completion increments inventory of the finished item while decrementing inventory of the required components while capturing all related costs without entering a work order or rate schedule.

Orderless Completions can be used on any item that is set up in the Item Master.

- To decrement inventory for components, the item must have a Bill of Material
- To account for labor, the item must have a Routing

Note: The simple A7.3 Rate Schedule function was not carried forward to Release A9.1 as it was replaced by the more robust Repetitive Manufacturing.

JD Edwards World created the following three Orderless Processing programs:

- Orderless Completion (P3116)
This program allows entering completion, issuing material, and calculating hours and quantities. The program prepares all the data for Manufacturing Accounting.
- Orderless Completion Inquiry (P31161)
This program allows you to inquire on any Orderless completion entries.
- Orderless Manufacturing Accounting (P31862)
This program generates journal entries for Material Costs, Shop Floor Activities, Completion, Scrap, and Variance.

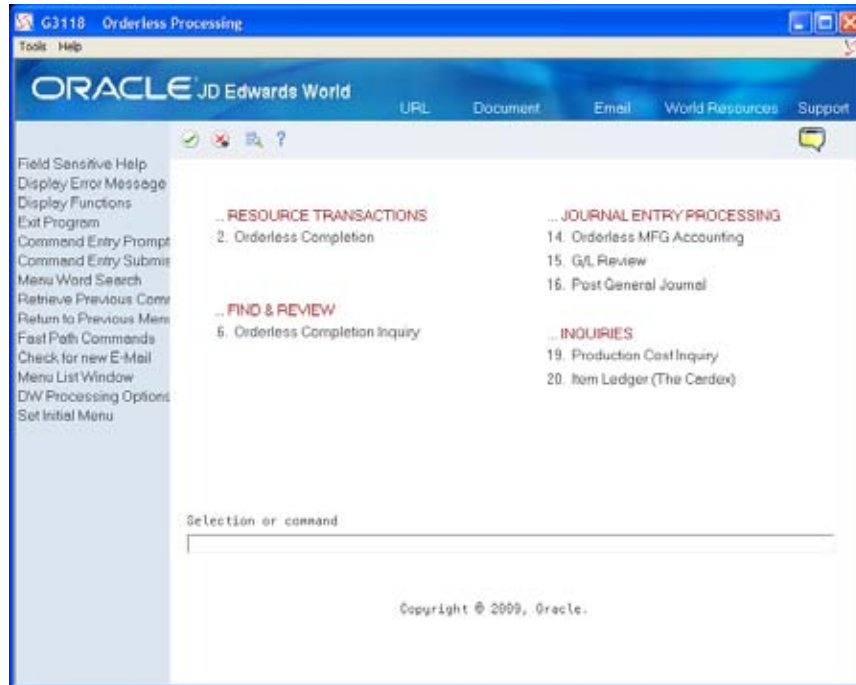
Assumptions

The following are the assumptions to use the Orderless Processing:

- Orderless Processing will not be used in conjunction with MRP Planning, and/or Forecasting
- Orderless Completion will always backflush the labor and material. It is assumed that if a user has the following needs, then a Work Order must be used:
 - Make changes to parts list and routings

- Product is a Process or Configured item
- Product has an outside operation set up
- Component on BOM is lot controlled, or need a manually entered lot number
- Warehouse system is used

Orderless Processing Menu



Orderless Completion (P3116)

The Orderless Completion program records a completion, issues parts, and records hours and quantities for Orderless Processing. This program calculates and prepares related costs for Manufacturing Orderless Accounting.

The Orderless Completions enhancement allows users to Backflush common production items without the need for administration of a Work Order, thus streamlining the through-put of these common items in the total production process.

Note: Orderless Completions performs a blind Backflush of material (if item has BOM) and labor (if item has Routing). If users need to make changes to parts list or routings, a Work Order must be generated.

The new Orderless Completions eliminate the need to enter the production as a Rate Schedule (as in A7.3) and provides a Completions Workbench that extends the F3002 (BOM) and F3003 (Routing) by the completed quantity.

The Orderless Completions screen allows you to:

- Record a Completion

Orderless completion does not allow negative completions.
- Backflush of Labor and Materials blindly
- Update Inventory
- Write Cardex for Issues and Completions
- Prepare accounting data in F3102
- Allows a full reverse of an existing completion

You can fully reverse an entered completion, as long as the Manufacturing Accounting on the completion has not run.

Orderless Completion Screen

The screenshot shows the 'Orderless Completion' screen (P3116) in the Oracle JD Edwards World application. The window title is '3116 Orderless Completion'. The screen features a menu bar with 'Tools' and 'Help'. Below the menu bar, there's a toolbar with various icons. The main area contains a form with the following fields:

- Action Code:** A dropdown menu with 'S' selected.
- Document Number:** A text field.
- Branch/Plant:** A text field.
- Item Number:** A text field.
- MC or Line:** A text field.
- Completed:** A text field.
- Scrapped:** A text field.
- Date:** A text field.
- Location:** A text field.
- Lot/SN:** A text field.
- Shift:** A text field.
- Lot/SN Status:** A text field.
- Employee ID:** A text field.

At the bottom of the screen, there are keyboard shortcuts: 'Opt: F2=Item Ledger', 'F6=Reverse', and 'F24=More Keys'.

Orderless Completion Inquiry (P31161)

The Orderless Completion Inquiry screen allows inquiry on all the Orderless Completed Transactions entered in the system

The Orderless Completion Inquiry screen allows you to:

- Display information for Orderless Completion entered in the system.
- Review the Orderless Completion record

You can search for Orderless Completions entered for Item or Line (Branch Plant must be entered). The system displays Standard and Actual Hours for the transaction.

- Review the Production Cost for the transaction
You can access the Production Cost Inquiry program for the Document Number of this transaction.
- Access G/L Review for the transaction
You can access the G/L Review for the Batch Number and Type 0 of this transaction.
- Access Lot Master
You can access the Lot Master for this transaction.
- Review the Item Ledger transactions for this document
You can access all the Item Ledger transactions of this document regardless of the Location and Lot.

Orderless Completion Inquiry Screens

31161 Orderless Completion Inquiry

Tools Help

ORACLE JD Edwards World

URL Document Email World Resources Support

Field Sensitive Help
Display Error Message
Display Functions
Exit Program
More Details
Clear Screen

31161 Orderless Completion Inquiry Branch/Plant 1130

Item Number 17 Parent

WC or Line

Transaction Date Thru

Document Number

0	Item Number	WC or Line	Quantities	Date
			Completed	Scrapped
67	LINE2	100	3	CR 11/18/08
67	LINE1	100	2	CR 11/18/08
67	LINE2	100	1	CR 11/13/08

Opt: 1=Completion 2=Production Cost 3=G/L Review 4=Lot Master 5=Item Ledger

31161 Orderless Completion Inquiry

Tools Help

ORACLE JD Edwards World

URL Document Email World Resources Support

Field Sensitive Help
Display Error Message
Display Functions
Exit Program
More Details
Clear Screen

31161 Orderless Completion Inquiry Branch/Plant M30

Item Number 67 Parent
WC or Line LINE2
Transaction Date 11/18/08 Thru
Document Number 90001509

Item Number	WC or Line	Completed	Scrapped	UN	Date
67	LINE2	100	3	CR	11/18/08
Location Lot/SM Lot Status					
Document 90001509 Employee No Shift					
Branch Plant M30 Batch Number 6924509					
Standard Setup Actual Setup Hours					
Standard Labor Actual Run Labor					
Standard Machine Actual Run Machine					
67	LINE1	100	2	CR	11/18/08
Location Lot/SM Lot Status					
Document 90001509 Employee No Shift					
Branch Plant M30 Batch Number 6924509					
Standard Setup 1.00 Actual Setup Hours 1.00					
Standard Labor 10.20 Actual Run Labor 10.20					
Standard Machine 10.20 Actual Run Machine 10.20					

Opt: 1=Completion 2=Production Cost 3=G/L Review 4=Lot Master 5=Item Ledger

Orderless Manufacturing Accounting (P31862)

The Orderless Manufacturing Accounting (P31862) batch program generates the journal entries for the Orderless Completion.

Orderless Manufacturing Accounting (P31862) batch program uses the Orderless Completion file (F3116) and Work Order Production Cost file (F3102) to generate Journal Entries for Material, Shop Floor activities, Completion, Scrap, and Variance.

The Orderless Manufacturing Accounting allows you to:

- Validate the AAI and Accounts setup
- Create material journal entries for orderless transaction
- Create shop floor journal entries for orderless transaction
- Create completion/scrap journal entries for orderless transaction
- Create variance journal entries for orderless transaction

After you run the Orderless Manufacturing Accounting (P31862) program, the system generates the following two reports:

- Orderless Manufacturing Journal Entries Exceptions Report (R31862)
- Orderless Manufacturing Journal Entries Report (R31863) - Optional