
J.D. Edwards OneWorld® Xe

Vulcraft Job Master Inquiry

User Documentation

June 22, 2003

Introduction

The Job Master Inquiry (P564217) is a custom J.D. Edwards OneWorld® Xe application designed to provide Vulcraft users with summary information for every job that is sold, on a sequence-by-sequence basis. This information is stored in a dedicated file, called the Job Master, which is updated periodically throughout the day by a suite of automated programs. Collectively, these are referred to as the Job Master Completion program(s).

In brief, the Job Master provides joist and deck quantities, tons, dollars, and completion dates for job sequences from the time they are set-up, to the time they are shipped and invoiced. Supplementary information includes the job type (drawings, list, or settings), the last list/bill of materials (BoM) in a sequence, sequence completion code, and job completion code. Full details of the information available in the Job Master can be found in [Appendix A: Data Descriptions](#).

Complete information for a specific job can easily be printed from either the row exit bar or context (pop-up) menu. Simple searches take only seconds to perform with the Query by Example (QBE) line. Complex searches can be performed with the accompanying Job Master Inquiry report program (R574217). Details on using this report can be found in [Appendix B: Job Master Inquiry Reports](#).

Getting Started

The Job Master Inquiry can be accessed from the *Vulcraft Sales Master Menu*, *Vulcraft Master Shipping Menu*, and *Accts Recei Processing – New* menus in J.D. Edwards Solution Explorer (see screen image, below). To view a specific job, simply type the job number in the QBE line, above the Job Number column heading and press <Enter>. The

Business Unit	Job Number	Job Number Sequence	Job Comp	Sequence Complete	Cover Sheet Price	Invoiced Amount	Cover Sheet Tons	Shop-Ordered Tons	Drafting Quantity	Draft Comp Date	Shop Order Quantity
2	01-03-0001	01-03-0001-S001	Y	Y	2,122.31	2,122.31	2.8779	2.8728			
1	01-03-0003	01-03-0003-S001			6,556.86		10.9048	10.5021			72.00
2	01-03-0003	01-03-0003-S001			6,539.00		13.4438	13.4680			162.10
1	01-03-0004	01-03-0004-S001	Y	Y	6,547.72	6,547.71	10.9048	10.4668	71.00	3/26/2003	71.00
2	01-03-0004	01-03-0004-S001	Y	Y	6,550.00	6,550.00	13.4438	13.4696	162.00	3/26/2003	162.10
1	01-03-0005	01-03-0005-S001	Y	Y	7,068.67	7,068.67	12.2679	11.7404	65.00	3/26/2003	65.00
2	01-03-0005	01-03-0005-S001	Y	Y	8,550.01	8,550.01	13.4438	13.5112	162.50	3/26/2003	162.50
2	01-03-0008	01-03-0008-S001			45.00		0.342	0.228			
1	01-03-0009	01-03-0009-S001			12,818.01		23.0425				
2	01-03-0009	01-03-0009-S001					.3818	.3818			
2	01-03-0012	01-03-0012-S001			334.50						
2	01-03-0013	01-03-0013-S001			13,094.92		24.2392				
1	01-03-0013	01-03-0013-S002			21,538.05		34.5799				
2	01-03-0013	01-03-0013-S002			15,057.38		27.5967				

Figure 1 Getting started with the Job Master Inquiry program

Job Master will display all the sequences on a job, for both joist and deck, along with a shaded line at the bottom showing totals for quantities, dollars, and tons.

Printing a Job Master Summary

A printed copy of this information can be obtained by selecting a grid row displaying the desired job number and clicking on the “*Show me on Paper!*” button on the row exit bar. The report should appear in the *Submitted Jobs* screen, like most other reports, which can be accessed by selecting the *Submitted Jobs* button on the form exit bar. From here, the report can be viewed, printed, or saved to disk.



Viewing Cover Sheets

The *Cover Sheet* row exit is designed to locate those cover sheets that Sales attaches electronically to the sales order (SO not SF) in the Customer Service Inquiry program. Normally, these are attached to sequence one of a job. If a cover sheet is not found, a dialog box will appear, asking if you would like to re-print the cover sheet (by sequence). If you choose to re-print the cover sheet, use your mouse to click on the *Form* exit bar and click the *Submitted Jobs* button to view them.



Viewing Joist or Deck

Since joist quantities are shown as the actual number of joists and deck quantities are shown as squares of deck, they should be displayed separately for the quantity totals to be meaningful. To view just the joist or deck on a job, enter a “1” for joist or “2” for deck on the QBE line, above the Business Unit column heading, and press <Enter>.

Assessing the Completion Status of a Job

When a job is set-up, it appears in the Job Master with a job number, sequence number, customer number, project number, cover sheet tons, and cover sheet dollar amounts. There are no quantities, completion dates, last lists, shop order tons, invoice amounts, or completion codes. If it is a list job, the Drafting quantity and completion date are colored grey.

Drafting and Shop Order quantities remain empty until work is performed. A Drafting completion date indicates drawings for a given job sequence have been completed, and sent to Shop Order. A Shop Order completion date indicates a given job sequence has gone to final shop order, and sent to Production to be fabricated. A Drafting completion date and Shop Order quantity, but no Shop Order completion date indicates drawings are complete, but not fully shop-ordered.

It should go without saying that the Shop-Ordered Tons column will remain empty until shop orders are actually created. Values in the Shop-Ordered Tons column do not depend on a last list being generated, whereas Production and Shipping quantities **do** rely on a last list being generated. In other words, quantities and completion dates for

Production and Shipping will not appear until the last list for a given job sequence has been flagged. If a job sequence is invoice-complete, but has no last list, the Last List column is colored red.

Default Patrick Complete											
	01-03-021*										
Business Unit	Job Number	Job Number Sequence	Job Comp	Sequence Complete	Last List No.	Cover Sheet Price	Invoiced Amount	Cover Sheet Tons	Shop-Ordered Tons	Drafting Quantity	Draft Comp Date
2	01-03-0210	01-03-0210-S001	Y	Y		552.39	552.39	.4887	.4935		
1	01-03-0211	01-03-0211-S001	Y	Y		325.18	325.18	.1812	.3093		
2	01-03-0214	01-03-0214-S001	Y	Y		482.00	482.00	.8747	.8805		
1	01-03-0216	01-03-0216-S001			J001	5,725.19		9.5554	8.0741	66.00	4/9/2003
2	01-03-0216	01-03-0216-S001			D001	4,076.00		7.3618	7.4101	92.51	4/9/2003
2	01-03-0219	01-03-0219-S001			D101	161.30		.1410	.1408		
						11,322.06	1,359.57	18.6029	17.3082	158.51	

Figure 2 Assessing the completion status of a job

Interpreting Job Master Inquiry Search Results

The key to using the Job Master Inquiry is in knowing how to interpret the information that appears on-screen (or paper). For example, an inquiry that returns a job with no quantities, or completion dates has most likely just been set-up. This can be verified by looking at the Creation Date column. Jobs that were set-up in J.D. Edwards (as opposed to those that were imported from the AS/400) should bear the actual date that the job was set-up or sold.

Appendix A: Data Descriptions

Column	Description
Business Unit	(1 = Joist, 2 = Deck) Also referred to as Branch Plant
Job Number	Customer's project number, in 00-00-0000 format)
Job / Sequence Number	Job Number, plus sequence number, in (00-00-0000-S000 format)
Drafting Quantity	Joist piece-count or squares of deck; accessories not included; manually entered by Drafting personnel
Drafting Completion Date	Once the entire sequence has been detailed, the completion date is entered by Drafting personnel
Shop Order Quantity	Joist piece-count or squares of deck; accessories not included; manually entered by Shop Order personnel
Shop Order Completion Date	Once the entire sequence has been shop-ordered, the completion date is manually entered by Shop Order personnel
Production Quantity	This value is calculated after production has been claimed on the last list/bill of materials in a sequence (based on JDE work orders)
Production Completion Date	This value is determined after production has been claimed on the last list/bill of materials in a sequence (based on JDE work orders)
Shipping Quantity	This value is calculated after the last list/bill of materials in a sequence is ship-confirmed (based on JDE sales orders)
Ship-Confirmed Date	This value is determined after ANY ship-confirmations take place in a sequence (based on JDE sales orders)
Shipping Completion Date	This value is determined after the last list/bill of materials in a sequence is ship-confirmed (based on JDE sales orders)
Invoice Completion Date	This value is determined after the last list/bill of materials in a sequence is invoiced (based on JDE sales orders, manual over-ride available)
Sequence Complete	(Y = Yes, N = No, <Blank> = No, L = Legacy, C = Cancelled) For reporting purposes, if the Invoiced Amount matches the Cover Sheet, it is considered to be complete. (manual over-ride available)
Job Complete	(Y = Yes, N = No, <Blank> = No) For reporting purposes, if the Invoiced Amount matches the

	Cover Sheet for an entire job (all sequences, joist and deck separate), then it is considered to be complete. (manual override available)
Cover Sheet Tons	Total cover sheet tons, including accessories; automatically tallied after a job is set-up; perpetually updated until the sequence is completed and aged
Shop-Ordered Tons	Total shop-ordered tons, including accessories; automatically tallied after a shop order is generated; perpetually updated until the sequence is completed and aged
Cover Sheet Price	Total cover sheet dollar value, including freight and loading; automatically tallied after a job is set-up; perpetually updated until the sequence is completed and aged
Invoiced Amount	Total amount invoiced, including freight and loading; automatically tallied after a job is set-up; perpetually updated until the sequence is completed and aged
Program ID	Last program that updated data in the Job Master record
User ID	Last user who updated data in the Job Master record
Date Created	When the Job Master record was created; typically, this is the day the job was set-up (sold).
Date Modified	Date last modification was made to the Job Master record; records are only updated when changes in value are detected, or when changes are made in the Drafting & Shop Order attachment screens in Customer Service Inquiry
Last List	Determined after the last list/bill of materials is generated in a sequence; turns red if the sequence is invoice-complete and no last list/BoM was found
Job Type	(DRW = Drawings Job, LST = List Job, SET = Settings Job) Determined after a job is set-up; Drafting dates & quantities should not appear on list jobs

Appendix B: Job Master Inquiry Reports

Tools

Form

Row

Processing Options

Data Selection

Data Sequencing

Properties

Select Find Add Copy Del... Close Seg... New... Dis... Abo

Links Availa... OLE ...

Batch Application R574217 Job Master Inquiry

Version	Version Title	User	Last Modified
ACTIVEJOBS	Job Activity	PATRICKL	6/16/2003
DRAFTCOMP	Drafting Completed	PATRICKL	6/16/2003
INVCOMP	Invoice-Complete Sequences	PATRICKL	6/16/2003
JOBCOMP	Invoice-Complete Jobs (ALL Sequences)	PATRICKL	6/16/2003
NEWJOBS	Job Sold / Set-up	PATRICKL	6/16/2003
OVERINVOIC	Jobs with Invoice Amounts Greater Than Cover Sheet	PATRICKL	6/16/2003
PRODCOMP	Production Completed	PATRICKL	6/16/2003
QTY001	Drafting & Shop Order Quantity Variances	PATRICKL	6/16/2003
QTY002	Production & Shipping Quantity Variances	PATRICKL	6/16/2003
SHIPCOMP	Shipping Completed	PATRICKL	6/16/2003
SHOPORCOMP	Shop Orders Completed	PATRICKL	6/16/2003
STANDARD	Standard Job Master Inquiry	PATRICKL	6/18/2003
TONS2HIGH	Jobs w/Shop-Order Tons Greather Than Cover Sheet	PATRICKL	6/16/2003

Figure 3 Job Master Report Options