This Manual at36kal Pr36od(nu)4ctioMa)49

Production This Manual at a Glance

## **Chapter 16 Production Families**

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Contents

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1 - 2 Master Files

1 - 6 Master Files

1 - 14 Master Files

4 Press **<ENTER>** 

1 - 18 Master Files

that the system uses if you are reporting productiontemTmoShop Floor Reporting.

**WIP Draw From Location:** The default stock location for this resource that WIP production of the part beTmoma

1 - 20 Master Files

## **Shift Start:**

• **Day** (-)/**Current:** If the shift starts on a given day, for example late at night, but most of the shift is on the next day, enter the start time in the **Day** (-) field. For example, if the

Master Files

Master Files

Master Files

1 - 44 Master Files

1 - 46 Master Files

1 - 50 Master Files

#### **Maintain Burden Cost Driver Codes**

Instead of expressing burden as dollars per hour (either as a specific figure or as a percentage of the run labour rate), you can express burden as dollars per *unit produced atj/TT17 s a 8 dsu*), -1.0cer houre

Master Files 1 - 53

1 - 54 Master Files

# 2 Master File Reports

### **Overview**

PDMN23), select op ContT4 1 TfD02 0 0 5.4050 Tc0 Tw( )Tj/

Use this menu to print the various reports and listings associated wi

Production Overview

2 - 2 Master File Reports

## **Department Codes Listing**

### **Production Scrap Codes**

Use this option to generate a listing of the Pr

2 - 10 Master File Reports

2 - 14 Master File Reports

-		

Asset Maintenance Master Files

## **Maintain Service Codes**

Maintain Service Codes Production

Asset Mainten3nc

**Asset Maintenanc** 

Time Units: Select the time unit (days, weeks, months

4 - 4 Master File Reports

## **Work Codes Listing**

This option produces a listing of work codes

Work Codes Listing Production

Master File Reports

Master File Reports 4 - 9

## **Returnable Container Master File Listing**

This option produces a listing of returnable cont

4 - 10 Master File Reports

Maintenance Inquiries

Maintenance Reports 7 - 1

Service Work Order Maintenance

Service Work Order Maintenance

8 - 10	Maintain Service W	ork Orders Assi	gnments	

## **Service Schedule Maintenance Utility**

This program allows you to view and change the order of service assignments scheduled for a

## **Service Work Order Reporting Utility**

This option allows you to do all reporting related to a specific work order from within a single

Service Work Order Reporting

Service Work Order Reporting

Service Work Order Reporting

Service Work Order Reports

feet per 0 eaches to backflush twenty feet of material regardless of the number of units produced. Cost rollups for the manufactured part will amortize the cost of this material over the

**Production Method Maintenance** 

## **Copy/Rename Production Methods**

Production Maintain Future Methods

13 - 2 Copy Methods Utility

Copy Methods Utility 13 - 3

13 - 6 Copy Methods Utility

## Update B.O.M. Expressions

You can update any of the information that you

Copy Methods Utility 13 - 7

Copy Methods Utility

**16 - 4** Production Families

Production Families 16 - 5

**16 - 6** Production Families

Production Families 16 - 7

## **Process Inquiry**

Process Inquiry Production

Manufacturing Processes

20 - 2 Sales Forecasting

20 - 4 Sales Forecasting

placing the cursor on the code or description of the model and press

20 - 10 Sales Forecasting

Forecast Inquiries Production

20 - 12 Sales Forecasting

## **Create Forecasting Model From Last Year Orders**



## **21 Sales Forecast Reports**

Planning Bill of Material

## **Maintain Planning BOM Codes**

Each Planning Bill of Material is assigned a unique code. This

Planning Bill of Material

Planning Bill of Material

## **Update Another**

If there are other units of m

25 - 2 MPS Entries

MPS Entries 25 - 3

MPS Entries 25 - 7

## **Maintain the MPS (by Resource)**

MPS Entries 25 - 9

MPS Inquiries 26 - 3

Production

26 - 4 MPS Inquiries

MPS Inquiries 26 - 7

Production Availability Inquiries

26 - 10 MPS Inquiries

MPS Inquiries 26 - 11

**MPS Inquiries** 

27 - 2 MPS Reports

27 - 6 MPS Reports

MPS Reports 27 - 7

27 - 8 MPS Reports

MRP Maintenance 28 - 1

28 - 4 MRP Maintenance

## MRP in a Multi-Plant Environment

Overview Production

MRP Maintenance 28 - 5

28 - 8 MRP Maintenance

## **Initiate A Regenerative MRP Run**

Use this option to develop your Materials Requirements Plan (MRP) based on current inventory, customer orders and production status. In a regenerative MRP run, the system recompiles information directly from customer orders, pur

28 - 12 MRP Maintenance

MRP Maintenance 28 - 15

prioritize parts according to the action required. Thus, say you run MRP and MRP finds that Part A requires action within 10 days. If on the same day that you ran MRP you go into this menu option and enter 14 in this field, then Part A will be highlighted, since its required action days falls within the buffer days entered here.

## 3 Press **<ENTER>**.

The parts displayed fall within the parameters that you entered.

To view inventory that requires acti

Production MRP Inquiry

28 - 16 MRP Maintenance

MRP Inquiry Production

28 - 18 MRP Maintenance

MRP Inquiry Production

MRP Maintenance 28 - 19

## **Clear MRP Run and Print Flags**

When an MRP run is begun, the syst

29 - 14 MRP Reports

29 - 16 MRP Reports

## **MRP Gross Requirements Report**

This option produces a summarized gross require

# Part 7: Capacity Requirement Planning (CRP)

30 - 2 CRP Maintenance

# **Review Summarized Capacity Requirements**

This option lets you view summarized loading information for selected department resources.

### How to Begin

To begin, select option **2. Review Capacity Requirements (Summarized)** from the Capacity Requirements Main Menu (PCMN39). Press **<ENTER>**. The system displays the Capacity e syDion for sescroll7screenpartment resources.

30 - 6 CRP Maintenance

## For a Resource

Press **<F3> Resource** to view the summarized capacity requirements for a selected resource.

Press **<F4> Detail** to view detailed (by day) capacity requirements for a selected resource.

### Exit

When you are finished with this inquiry, press

CRP Reports 31 - 3

31 - 4 CRP Reports

Work Order Releasing

32 - 13

Work Order Releasing

Work Order Releasing

Work Order Releasing 32 - 25

## **Material Availability Inquiry**

The Material Availability Inquiry allows you to

Work Order Releasing - 27g

## 3 Press **<ENTER>**.

All appropriate parts are displayed.

**4** To return to the Work Order display, select **<F5>W/O**.

If any of the entries are highlighted, it means that the quantity on the requisition for the outside service is less than the required production quant

Work Order Scheduling

3

33 - 22	Work Order Scheduling
has an earlier required date than work orF	F3.4013,an dthaus isreqTj121.93 0 TD-0.00053Tc0.00053Tw( squier

Work Order Scheduling Reports

**Daily Production Reporting** 

PD624A) for theyappropriate batch and( )Tj-19.214 -11650 TD-0.0021 sc0.0023 Twres

## **Maintain Production Reporting by Part #**

Labour Reporting 37 - 1

Labour Reporting

37 - 4 Labour Reporting

dollars.

**Rate Factor:** 

Labour Reporting 37 - 9

37 - 10 Labour Reporting

This program generates a report displaying the

37 - 16 Labour Reporting

37 - 18 Labour Reporting



Daily Scrap Reporting

Daily Scrap Reporting

Scrap Inquiries 40 - 1

Scrap Inquiries 40 - 3

40 - 4 Scrap Inquiries

Scrap Reports 41 - 3

41 - 4 Scrap Reports

-		

## **Display the Completed Production Job LogDispTompLog**

Work Order Inquiries

Work Order Inquiries 45 - 7

Work Order Inquiries 45 - 13

## **View Previous**

You can display resource utilization information about

45 - 18 Work Order Inquiries

Work Order Inquiries 45 - 19

**45 - 20** Work Order Inquiries

**46 - 4** Work Order Reports

## **Delinquent Production Report**

This program generates a listing of delinquent

Work Order Reports

Work Order Reports 46 - 11

**46 - 12** Work Order Reports

Work Order Reports 46 - 15

Work Order Reports 46 - 19

## **Detailed Resource Downtime Report**

Work Order Routing Reports

## **Print "All" New Routings**

## **Print Selected Routings**

method for the part.

**3** To view capacity and loading for the resource that the part and sequence is to be produced on, select **<F2>Capacity**.

3 Select <F7>Back to return to the Production Re

## 2 Select <F1>Proceed.

The finite scheduler is run. Go to Repeti

Repetitive Production Planning

## Repetitive Schedule by Major/Minor Group

Use this menu option to schedule production for a specific date for parts that belong to the same major/minor group and that have the same

## How to Begin

1 From the Repetitive Production Planning Menu (P

Repetitive ProductioT & Ann. (#Ting) TJ/TT93 Tf 89 sTD0Tc0.Tw[ )Tj/TT97 Tf 9.280 sTD-.00217c0.0021Tw[R 3-58-)-623 TJ/TT91 T

Repetitive Production Planning Reports

## **Enter Production Reporting for Work Orders**

Repetitive Production Reporting

## **Maintain Completed Production**

specified.

Serial #:

Repetitive Production Reports	

Repetitive Production Reports

Repetitive Production Reports

Job Costing 56 - 1

## **56 Job Costing**

## **Overview**

This section of the Production Control program describes how to perform Production Costing

Job Costing Utilities 57 - 1

Production Overview

Job Costing Utilities 57 - 3

Pressing **<F5> Switch** a third time, will display any "Others" (miscellaneous) cost records charged to the selected work order.

Press **<F5> Switch** once more and the system returns you to the Material Records grouping.

# **G/L Transaction Inquiry**

r

t

### **Detailed Job Costing History Inquiry**

As mentioned previously, the Detailed Job Costing History Inquiry is a mirror of the Detailed Job Costing Inquiry. The only difference is that all of the work orders from which the costing information is drawn are completed work orders.

#### **Find This Option**

From the Job Costing History Inquiries menu (PDMN49), select option **1. Select the Detailed Job Costing Inquiry**. The system displays the History Work Orders screen, showing a scroll list of completed work orders.

#### Select Work Order

Select the completed work order on which to ba

Job Costing Reports (Current)

Job Costing Reports (Crent)

## **Forecast Cost Report with Purchased Mat Breakdown**

Job Costing Reports (History)

Group Costing 62 - 1

**62 - 2** Group Costing

**62 - 4** Group Costing

## **Change Production Order Status by Department**

Since a work order is frequently fulfilled by separate shifts using different resources, it's difficult for production personnel to know when and if a work order has actually been completed.

## **Change Production Status Utility**

While the previous option in this menu (option 3, Change Production Status by Department) 01st.3(atin )-T-32.685 -1.165 TD-0.0003 Tc0.0003 T(C), [(thus Util allowlets yto)n

Production Utilities 64 - 9

64 - 10 Production Utilities

Mattec Interface 65 - 3

Mattec Interface 66 - 1

66 - 2 Mattec Interface

Mattec Interface 67 - 1

## 67 Utilities and Part Orientation Overrides

## **Overview**

Use the options in this menu for the following:

• Print family part serialized labels on separate printers (each child part goes to a separate printer).

67 - 2 Mattec Interface

Mattec Interface

68 - 10 Mattec Interface

Mattec Interface 69 - 1

**70 - 2** Mattec Interface