

Manufacturing Reports Pack[®]



For Microsoft Dynamics NAV

Build your own Reports

The most common request we hear from new users of NAV Manufacturing is better reporting. No one has the time to write a full Costed & Indented Bill of Materials, Master Production Schedule, Production Order Audit Report, or Work Center Load Analysis. We took the time to build the 17 most asked for Manufacturing Reports and combined them into one complete Package of Reports. Start your NAV Manufacturing experience the right way.

Benefits:

- Saves time writing in fields of required Information.
- Start with one of our reports and enhance them as needed.
- Take advantage of the knowledge of the developers.
- Spread the development costs over multiple reports.
- Save Object Costs.

Mfg. Reports Pack

Seventeen (17) advanced Manufacturing Reports will install and run with no application modification. Add any of the provided reports to your Dynamics NAV reports list.

Sample Reports

14004520	BOM Master - MR
14004521	Routing Master
14004522	Production Order Components
14004524	Capacity Task List2
14004525	Requisition Line Report MR
14004526	Master Production Schedule
14004527	Production Order - Traveler
14004528	Prod. Order - Shortage List-MR
14004529	Prod. Order-Picking List Multi
14004530	Item Register - MR
14004532	Production Trend Analysis,Item
14004533	Mach. Center Capacity Entries
14004534	Work Center Capacity Entries
14004536	Production Order Schld/Mult L
14004537	Prod. Order - Routing Summary

Mfg. Traveler

Prod. Order No.	1011002								
Item No.	1000	Bicycle	Released						
Routing No.	1000	Bicycle	Operation No. 20						
Machine Center	120	Chain assembly	Input Quantity 27						
Starting Time	12:04:00 PM	Ending Time	11:04:00 AM						
Starting Date	01:02:10	Ending Date	01:02:10						
Setup Time	15	Run Time	15						
Wait Time	0	Move Time	0						
Routing Status	Finished	Presal. Times	420 MINUTES						
Allocated Capacity									
Date	Starting Time	Ending Time	Allocated Time	Send Ahead Ty	Time Type	Needed Time	Lot Size	Consumption	Routing No.
01:21:10	12:04:00 PM	12:19:00 PM	0		Setup	15	0.0	1	1000
01:21:10	12:19:00 PM	4:50:00 PM	0	Input	Run	221	27.0	1	1000
01:28:10	8:02:00 AM	11:04:00 AM	0		Run	184	27.0	1	1000
Production Lead Time	Routing Link Code	Flushing Method	Item No.	Description	Expected Quantity	Unit of Measure	Enter Actual Usage		
	Manual	1000		Front Wheel	27	PCS			
	Manual	1000		Back Wheel	27	PCS			
	Manual	1000		Chain Assy	27	PCS			
	Manual	1000		Hub and Spoke	27	PCS			

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Manufacturing Reports Pack: Samples


1.

Production Order's Traveler

CRONUS CCSI Combo Demo 2018 **Prod. Order Traveler** CCSNETRICK May 13, 2018 Page 1

Prod. Order No. 1011002 **Released** 

Item No. 1000 **Bicycle** 

Routing No. 1000 **Bicycle** **Operation No.** 10 

Work Center 100 **Wheel assembly** **Input Quantity** 27

Starting Time 12:50:00 PM Ending Time 12:04:00 PM **Routing Link Code** 100
 Starting Date 01/25/19 Ending Date 01/28/19

Setup Time	Run Time	Wait Time	Move Time	Output	Scrap	Date	By
110	12	0	0	_____	_____	_____	_____


Routing Status Finished Precalc. Times
Time Needed 26040000 MINUTES


2.

Production Order Traveler - Simple

Prod. Order Traveler - Simple





CRONUS CCSI Combo Demo 2018 CCSNETRICK May 13, 2018 Page 1
 Production Order Status: Released, No.: 1011002

Prod. Order No.: 1011002 

Item No.: 1000 

Wheel assembly

Due Date: 01/31/19 **Quantity:** 27

Operation No.	T type	No.	Description	Setup	Run	Total	Input	Scrap	Output
10		Work Center	100	Wheel assembly	110	12	122	_____	_____
20		Machine Center	120	Chain assembly	15	15	30	_____	_____
30		Machine Center	130	Final assembly	10	20	30	_____	_____
40		Machine Center	110	Control	10	8	18	_____	_____

3.

Production Order - Expected VS Actual— Cost Audit

No.	Status	Description	Source No.	Quantity	Starting Date	Ending Date	Due Date									
1011002	Released	Bicycle	1000	27	1/25/2019	1/30/2019	1/31/2019									
Line No.	Item No.	Description	Quantity	Finished Quantity	Remaining Quantity	Indirect Cost %	Overhead Rate									
10000	1000	Bicycle	27	27	0	0	0									
Operation No.	Type	Starting Date	No.	Description	Routing Link Code	Setup Time	Run Time	Expected Capacity Need	Unit Cost per	Overhead Rate	Expected Operation C	Expected Capacity	Expected Sub Cost	Expected Cap OH		
10	Work Center	1/25/2019	100	Wheel assembl	100	110	12	28040000	1.20	0	520.80	520.80	0.00	0.00		
	Operation No.	Posting Date	No.	Document No.	Type	Description	Resource No.	Output Quantity	Setup Time	Run Time	Quantity	Direct Cost	Subcontracting	Overhead Cost		
	Actuals: 10	9/7/2019	100	1011002	Work Center	Wheel assembly		27	0	434	434	520.80	0.00	0.00		
											SubTotal:	434.00	520.80	0.00	0.00	
20	Machine Cen	1/28/2019	120	Chain assembly		15	15	25200000	0.00	0	0.00	0.00	0.00	0.00		
	Actuals: 20	9/7/2019	120	1011002	Machine Center	Chain assembly		27	0	420	420	0.00	0.00	0.00		
											SubTotal:	420.00	0.00	0.00	0.00	
30	Machine Cen	1/29/2019	130	Final assembly		10	20	33000000	0.00	0	0.00	0.00	0.00	0.00		
	Actuals: 30	9/7/2019	130	1011002	Machine Center	Final assembly		27	0	550	550	0.00	0.00	0.00		
											SubTotal:	550.00	0.00	0.00	0.00	
40	Machine Cen	1/30/2019	110	Control	300	10	8	13580000	0.00	0	0.00	0.00	0.00	0.00		
	Actuals: 40	9/7/2019	110	1011002	Machine Center	Control		27	0	228	228	0.00	0.00	0.00		
											SubTotal:	228.00	0.00	0.00	0.00	
											Expected	97800000	520.80	520.80	0.00	0
											Capacity Cost		520.80	520.80		
											Subcontract		0.00	0.00		
											Capacity OH		0.00	0.00		
											Time		97800000	1,630		

4.

Work Center—Capacity Entries

No.	Name	Document No.	Description	Resource No.	Operation No.	Work Center No.	Quantity	Setup Time	Run Time	Output Quantity	Direct Cost
100	Assembly department										
9/6/2019	Work Center	1011001	Wheel assembl	10	100	100	170.00	0.00	170.00	5.00	204.00
9/6/2019	Machine Center	1011001	Chain assembly	20	100	100	90.00	0.00	90.00	5.00	0.00
9/6/2019	Machine Center	1011001	Final assembly	30	100	100	110.00	0.00	110.00	5.00	0.00
9/6/2019	Machine Center	1011001	Control	40	100	100	50.00	0.00	50.00	5.00	0.00
9/7/2019	Work Center	1011002	Wheel assembl	10	100	100	434.00	0.00	434.00	27.00	520.80
9/7/2019	Machine Center	1011002	Chain assembly	20	100	100	420.00	0.00	420.00	27.00	0.00
9/7/2019	Machine Center	1011002	Final assembly	30	100	100	550.00	0.00	550.00	27.00	0.00
9/7/2019	Machine Center	1011002	Control	40	100	100	228.00	0.00	228.00	27.00	0.00
											724.80
											724.80

5.

Machine Center Capacity Entries

CRONUS CCSI Combo Demo 2018

Machine Center Capacity Entries

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5/13/2018 8:03 PM Page

Report Mach Center Capacity Entries MP

No.	Name	Posting Date	Type	Document No.	Description	Resource No.	Operation No.	Work Center No.	Quantity	Setup Time	Run Time	Output Quantity
110	Mike Seamans											
		9/6/2019	Machine Center	1011001	Control		40	100	50.00	0.00	50.00	5.00
		9/7/2019	Machine Center	1011002	Control		40	100	226.00	0.00	226.00	27.00
120	Bryan Walton											
		9/6/2019	Machine Center	1011001	Chain assembly		20	100	90.00	0.00	90.00	5.00
		9/7/2019	Machine Center	1011002	Chain assembly		20	100	420.00	0.00	420.00	27.00
130	Linda Mitchell											
		9/6/2019	Machine Center	1011001	Final assembly		30	100	110.00	0.00	110.00	5.00
		9/7/2019	Machine Center	1011002	Final assembly		30	100	550.00	0.00	550.00	27.00

6.

Picking List—Multi Production Orders

Picking List - Multi Production Orders

Page 1 of 4

Shelf/Bin	No.	Description	U of M	Quantity on Hand	Qty. on Sales Order	Available to Pick	Qty to leave in bin OR Short	Actual Quantity Picked	Date Picked	Picked By
Prod. Order No.	Prod Order Description	Prod. Order Status	Due Date	Location Code	Description	Remaining Demand				
	C-100	Cabling for LS-100	PCS	33		0	33			
101001	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Cabling for LS-100		15			
101002	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Cabling for LS-100		12			
101003	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Cabling for LS-100		10			
		Demand for:	Cabling for LS-100			37	0			
	FF-100	Frequency filter for LS-100	PCS	42		0	42			
101001	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Frequency filter for LS-100		15			
101002	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Frequency filter for LS-100		12			
101003	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Frequency filter for LS-100		10			
		Demand for:	Frequency filter for LS-100			37	0			
	HS-100	Housing LS-100,Oakwood 120 Its	PCS	56		0	56			
101001	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Housing LS-100,Oakwood		15			
101002	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Housing LS-100,Oakwood		12			
101003	Loudspeaker 100W OakwoodDeluxe	Released	12/31/2017		Housing LS-100,Oakwood		10			
		Demand for:	Housing LS-100,Oakwood 120 Its			37	0			



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7.

Shortage List:

Shortage List

May 13, 2018
Page 1
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CRONUS CCSI Combo Demo 2018

Status	No.	Description	Source No.	Quantity	Starting Date	Due Date						
Item No.	Description	Remaining Qty. (Base)	Quantity on Hand	Qty. on Hand after Production	Scheduled Receipt	Scheduled Need	Qty. on Purch. Order	Qty. on Sales Order	Needed Quantity	Vendor No.	Lead Time Calc	Min Order Qty
Released	101001	Loudspeaker 100W OakwoodDeluxe	LS-100	15	12/31/17	01/01/18						
LSU-15	Base speaker unit 15" 100W	15	0	-15	0	15	0	0	15			0
LSU-8	Middletone speaker unit 8"100W	15	0	-15	0	15	0	0	15			0
LSU-4	Tweeter speaker unit 4" 100W	15	0	-15	0	15	0	0	15			0
FF-100	Frequency filter for LS-100	15	0	-15	0	15	0	0	15			0
C-100	Cabling for LS-100	15	0	-15	0	15	0	0	15			0
HS-100	Housing LS-100, Oakwood 120 Its	15	0	-15	0	15	0	0	15			0
SPK-100	Spike for LS-100	60	0	-60	0	60	0	0	60			0
Released	101002	Loudspeaker 100W OakwoodDeluxe	LS-100	12	12/31/17	01/01/18						
LSU-15	Base speaker unit 15" 100W	12	0	-12	0	27	0	0	27			0
LSU-8	Middletone speaker unit 8"100W	12	0	-12	0	27	0	0	27			0
LSU-4	Tweeter speaker unit 4" 100W	12	0	-12	0	27	0	0	27			0
FF-100	Frequency filter for LS-100	12	0	-12	0	27	0	0	27			0
C-100	Cabling for LS-100	12	0	-12	0	27	0	0	27			0
HS-100	Housing LS-100, Oakwood 120 Its	12	0	-12	0	27	0	0	27			0
SPK-100	Spike for LS-100	48	0	-48	0	108	0	0	108			0
Released	101003	Loudspeaker 100W OakwoodDeluxe	LS-100	10	12/31/17	01/01/18						
LSU-15	Base speaker unit 15" 100W	10	0	-10	0	37	0	0	37			0
LSU-8	Middletone speaker unit 8"100W	10	0	-10	0	37	0	0	37			0
LSU-4	Tweeter speaker unit 4" 100W	10	0	-10	0	37	0	0	37			0
FF-100	Frequency filter for LS-100	10	0	-10	0	37	0	0	37			0
C-100	Cabling for LS-100	10	0	-10	0	37	0	0	37			0
HS-100	Housing LS-100, Oakwood 120 Its	10	0	-10	0	37	0	0	37			0
SPK-100	Spike for LS-100	40	0	-40	0	148	0	0	148			0

8.

Master Production Schedule

CRONUS CCSI Combo Demo 2018

Master Production Schedule

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5/13/2018 8:11 PM Page

Filters:

Report Master Production Schedule

Starting Date	Starting Time	Prod. Order No.	Item No.	Description	Quantity	Finished Quantity	Remaining Quantity	Production BOM No.	Production BOM Version Code	Routing Version Code	
		Status									
		Simulated									
2/28/2019	12:25 PM	1001	1000	Bicycle	10	0	10	1000		1000	
		Total for Status		Simulated	10	0	10				
		Status									
		Firm Planned									
1/25/2019	10:04 AM	1010005	1000	Bicycle	16	0	16	1000		1000	
9/24/2019	10:50 AM	1010006	1001	Touring Bicycle	3	0	3	1000		1000	
		Total for Status		Firm Planned	19	0	19				
		Status									
		Released									
12/31/2017	8:00 AM	101001	LS-100	Loudspeaker 100W Oakwo	15	0	15	LS-100			
12/31/2017	8:00 AM	101002	LS-100	Loudspeaker 100W Oakwo	12	0	12	LS-100			
12/31/2017	8:00 AM	101003	LS-100	Loudspeaker 100W Oakwo	10	0	10	LS-100			
1/25/2019	12:50 PM	1011002	1000	Bicycle	27	27	0	1000		1000	
1/28/2019	2:55 PM	1011003	1000	Bicycle	16	0	16	1000		1000	
1/29/2019	12:25 PM	1011004	1000	Bicycle	10	0	10	1000		1000	
		Total for Status		Released	90	27	63				

9.

Routing Master

Routing Master

CRONUS CCSI Demo 2016

No.	Description	Status	Type									
041710-2-1 ASM3	041710-2-1 ASM3 - Repair	Certified	Serial									
Operation No.	Type	No.	Work Center No.	Description	Setup Time	Run Time	Wait Time	Move Time	Routing Link Code	Input	Scrap	Output
05	Work Center	020	020	Disassemble	0	720	0	0				
10	Work Center	400	400	Machine department	0	3840	0	0				
20	Work Center	700	700	Welding	0	14400	0	0				
30	Work Center	700	700	Welding	0	10320	0	0				
40	Work Center	020	020	Disassemble	0	1440	0	0				
50	Work Center	700	700	Welding	0	7200	0	0				
60	Work Center	030	030	Inspect	0	720	0	0				
70	Work Center	400	400	Machine department	0	7440	0	0				
80	Work Center	100	100	Assembly department	0	1440	0	0				
90	Work Center	030	030	Inspect	0	1920	0	0				

1000 Bicycle												
Certified Serial												
Operation No.	Type	No.	Work Center No.	Description	Setup Time	Run Time	Wait Time	Move Time	Routing Link Code	Input	Scrap	Output
10	Work Center	100	100	Wheel assembly	440	48	0	0	100			
20	Machine Center	120	100	Chain assembly	60	60	0	0				
30	Machine Center	130	100	Final assembly	40	80	0	0				
40	Machine Center	110	100	Control	40	32	0	0	300			

Version No.	Description	Status	Type	Starting Date
VER1	Version 1	Certified	Serial	
10	Work Center	100	100	Wheel assembly
20	Machine Center	100	120	Chain assembly
30	Machine Center	100	130	Final assembly
40	Machine Center	100	110	Control

10.

Production Order Cost Trend Analysis

CRONUS CCSI Demo 2016 CCSNETRICK 10/3/2017 6:38 PM Page 1

Production Order Trend Analysis per Item Report Production Trend Analysis Item

Source No.	Status	No.	Description	Routing No.	Ending Date	Quantity	Unit Cost	Cost Amount	Expected Operation Cost Amt.	Expected Component Cost Amt.	Actual Time Used
1000 Bicycle											
1000	Simulated	1014	Biodyde	1000	10/14/2016	20	350.595	7,011.90	804.00	11,614.09	0
1000	Simulated	1055	Biodyde	1000	2/9/2017	60	372.195	22,331.70	2,839.20	36,182.52	0
1000	Firm Planned	101002	Biodyde	1000	4/22/2016	10	350.595	3,505.95	276.00	3,445.95	0
1000	Firm Planned	101005	Biodyde	1000	4/15/2016	12	350.595	4,207.14	304.80	4,135.13	0
1000	Firm Planned	101007	Biodyde	1000	4/12/2016	35	350.595	12,270.83	636.00	12,090.84	0
1000	Released	101088	Biodyde	1000	3/30/2017	10	372.195	3,721.95	763.20	6,030.44	0
1000	Released	1011002	Biodyde	1000	1/29/2016	27	350.595	9,466.07	520.80	8,720.87	1,630
1000	Released	1011003	Biodyde	1000	1/29/2016	16	350.595	5,609.52	362.40	5,167.92	0
1000	Finished	1011001	Biodyde	1000	1/29/2016	5	350.595	1,752.98	204.00	1,614.99	420
			Total for Source No.		1000	195		69,878.04	6,710.40	89,172.75	2,050
1001 Touring Bicycle											
1001	Firm Planned	101001	Touring Bicycle	1000	4/19/2016	80	350.595	28,047.60	1,284.00	27,567.60	0
1001	Firm Planned	101006	Touring Bicycle	1000	4/20/2016	25	350.595	8,764.88	492.00	8,614.89	70
			Total for Source No.		1001	105		36,812.48	1,776.00	36,182.49	70
1024730 CN-COCONUTTY CASHEWS 3/6/72											
1024730	Simulated	1090	CN-COCONUTTYC	1024730	2/9/2017	5,040	0.00	0.00	698.27	0.00	0
1024730	Released	101111	CN-COCONUTTYC	1024730	2/16/2017	504	0.00	0.00	69.83	0.00	0
1024730	Released	101112	CN-COCONUTTYC	1024730	2/9/2017	710	0.00	0.00	98.37	0.00	0
			Total for Source No.		1024730	6,254		0.00	866.46	0.00	0
120-300-01 1" FVR X 1" FLARE ADAPTER											
120-300-01	Released	101041	1" FVR X 1" FLARE A	120-300-01	7/14/2016	1,000	20.00	20,000.00	10,010.00	0.00	0
120-300-01	Released	101042	1" FVR X 1" FLARE A	120-300-01	7/15/2016	300	20.00	6,000.00	3,010.00	0.00	0
120-300-01	Released	101101	1" FVR X 1" FLARE A	120-300-01	2/7/2017	21.25	20.00	0.00	222.50	0.00	0
120-300-01	Released	101102	1" FVR X 1" FLARE A	120-300-01	2/7/2017	21.25	20.00	0.00	222.50	0.00	0
			Total for Source No.		120-300-01	1,342.5		26,000.00	13,465.00	0.00	0

Manufacturing Reports Pack[®]



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