



Work instructions

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1. SOP Process

1.1. Understanding the Supply Schedule

The supply schedule is the overview of a specific item providing essential information relating to demand and supply requirements.

The supply schedule works in the same way regardless of which company you are viewing however there are some minor differences in terms of transaction wording.

A typical supply schedule where there is no demand or supply requirements looks like this.

199099109 : DIABOLOSINL4X5L

Supply schedule

199099109

Expand New ▾ Master planning Max. report as finished Update planned orders Level Material plan policy by location Kanban rule

	Backlog	Month July	Month August	Month September
PERIOD START INVENTORY				
PERIOD END INVENTORY				
PERIOD END PEGGED INVENTORY				
PERIOD NET SUPPLY				

Once there is demand and supply data available for the item the screen will expand to show the following information.

Here you will see there is now demand and supply requirements for August.

Supply schedule

199099109

Expand New ▾ Master planning Max. report as finished Update planned orders Level Material plan policy by location Kanban rule

	Backlog	Month July	Month August	Month September
PERIOD START INVENTORY				
PERIOD END INVENTORY				
PERIOD END PEGGED INVENTORY				
PERIOD NET SUPPLY				
[+] DEMAND			180.00	
[+] SUPPLY			180.00	

1.1.1.1. Glossary of supply schedule terms

Period Start Inventory	Expected opening stock volume
Period End Inventory	Opening stock – Demand + Supply
Period End Pegged Inventory	Quantity of on hand inventory which is pegged against demand
Period Net Supply	Supply – Demand
Demand	All demand requirements
<ul style="list-style-type: none"> Forecast Sales Planned Intercompany Demand Return Purchases Inventory Journals Expired Batch Minimum Inventory 	<ul style="list-style-type: none"> Sales forecast volume Open sales orders Demand coming from local branches Returned volumes to suppliers Outgoing stock movement adjustments Quantity of product which has expired Minimum safety stock volume
Supply	All supply requirements
<ul style="list-style-type: none"> Purchase Orders Planned Purchase Orders Production Orders Planned Production Orders Inventory Journals 	<ul style="list-style-type: none"> Firm purchase orders Purchase order proposal Firm production orders Production order proposal Incoming stock movement adjustments

1.1.1.1.1. Accessing detail behind the demand & supply data

To look into this information further select the volume you want to view and then click on the + symbol for the attribute you are trying to view e.g. demand or supply.

Supply schedule				
199099109				
Collapse New Master planning Max. report as finished Update planned orders Level Material plan policy by location Kanban rule				
	Backlog	Month July	Month August	Month September
PERIOD START INVENTORY				
PERIOD END INVENTORY				
PERIOD END PEGGED INVENTORY				
PERIOD NET SUPPLY				
[+] DEMAND			180.00	
FORECAST			160.00	
SALES			20.00	
[+] SUPPLY			180.00	

Work Instructions

By selecting the volumes in the other attributes you will have visibility on the detail relating to these figures.

For example by selecting the forecast volume in the lower part of the screen you will see a summary of how this forecast is made up. In this example the forecast consists of two requirements, one for 80 on the 10th of August and one for 100 on the 24th of August. The reason the forecast volume total in the schedule shows as 160 only is because there is also a sales order in place so this has been deducted from the forecast.

Supply schedule			
199099109			
Collapse New ▾ Master planning Max. report as finished Update planned orders Level Material plan policy by			
	Backlog	Month July	Month August
PERIOD START INVENTORY			
PERIOD END INVENTORY			
PERIOD END PEGGED INVENTORY			
PERIOD NET SUPPLY			
[-] DEMAND			180.00
FORECAST			160.00
SALES			20.00
[+] SUPPLY			180.00

(-2)	August (5)	September (4)	October (3)	November (6)	December (1)	January (8)	February (3)
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Summary			
No summary available for the selected type			

Inventory forecast - Month August			
Demand Display dimensions			
✓ Model	Item number ▾	Budget date ▾	Quantity
2009SF	199099109	10/08/2020	-80.00
2009SF	199099109	24/08/2020	-100.00

The same can be done for the sales volume, by selecting it you can see the details of the sales order in the lower part of the screen and if you wish to access it you can click on the sales order number.

Supply schedule						
199099109						
Collapse New ▾ Master planning Max. report as finished Update planned orders Level Material plan policy by location Kanban rule						
	Backlog	Month July	Month August	Month September	Month October	M
PERIOD START INVENTORY						
PERIOD END INVENTORY						
PERIOD END PEGGED INVENTORY						
PERIOD NET SUPPLY						
[-] DEMAND			180.00		60.00	10
FORECAST			160.00		60.00	10
SALES			20.00			
[+] SUPPLY			180.00		60.00	10

(-2)	August (5)	September (4)	October (3)	November (6)	December (1)	January (8)	February (9)	(10)	(11)	(14)	(15)	(1)
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Summary						
Requested sales order lines	Total quantity		Total amount		Confirmed sales order lines	Total confirmed
1	20.00		2,000.00		1	20.00

Sales orders - Month August						
Sales order Simulate delivery dates Display dimensions						
✓ Sales order	Item number ▾	Requested receipt date ▾	Ship date	Quantity	Net amount	Customer
SO000404	199099109	28/08/2020	28/08/2020	20.00	2,000.00	00101
						Open order

Work Instructions

For supply volumes you will see a list of either planned purchases / productions or if the purchase / production order has been firmed you will see the details of the order which you can access by clicking on the purchase / production reference.

Supply schedule

199099109

[Collapse](#) [New](#) [Master planning](#) [Max. report as finished](#) [Update planned orders](#) [Level](#) [Material plan policy by location](#) [Kanban rule](#)

	Backlog	Month July	Month August	Month September	Month October	Month November
PERIOD START INVENTORY						
PERIOD END INVENTORY						
PERIOD END PEGGED INVENTORY						
PERIOD NET SUPPLY						
[+] DEMAND			180.00		160.00	
[-] SUPPLY			180.00		160.00	
[-] PRODUCTION			180.00		160.00	
PRODUCTION ORDERS					160.00	
[-] PLANNED PRODUCTION ORDERS			180.00			
NOT SUPPLY FORECAST			180.00			

Summary

Production orders scheduled	Total scheduled	Production orders requested	Total requested
1	160.00	1	160.00

Production orders - Month October

[Production orders](#) [Display dimensions](#) [Capacity reservations](#)

✓ Production ↑	Item number ▾	Quantity	Delivery	Started	Reported as finished	Created by	Created date and time	Status ▾
PR000168	199099109	160.00	01/10/2020			Clayton	29/07/2020 14:53:19	Scheduled