



SAP Easy Access



- Favorites
- ▼ SAP Menu
 - ▶ Office
 - ▶ Cross-Application Components
 - ▶ Logistics
 - ▶ Accounting
 - ▶ Human Resources
 - ▶ Information Systems
 - ▶ Tools
 - ▶ WebClient UI Framework

SAP Production Planning & Execution (PP)

CO01

Create Production Order
STEPS

SAP Easy Access

- Favorites
- ▼ SAP Menu
 - ▶ Office
 - ▶ Cross-Application Components
 - ▶ Auto-ID Infrastructure
 - ▼ Logistics
 - ▶ Materials Management
 - ▶ Sales and Distribution
 - ▶ Logistics Execution
 - ▼ Production
 - ▶ Master Data
 - ▶ SOP
 - ▶ DRP
 - ▶ Production Planning
 - ▶ MRP
 - ▼ Shop Floor Control
 - ▼ Order
 - ▼ Create
 - **CO01 - With Material**
 - CO07 - Without Material
 - CO40 - From Planned Order
 - CO41 - Collective Conversion of Planned Orders
 - CO08 - For Sales Order
 - CO10 - For Project
 - CO02 - Change
 - CO03 - Display
 - ▶ Simulation Order
 - ▶ Control
 - ▶ Process Integration
 - ▶ Goods Movements
 - ▶ Confirmation
 - ▶ Period-End Closing
 - ▶ Information System
 - ▶ Tools
 - ▶ Capacity Planning
 - ▶ Repetitive Manufacturing
 - ▶ KANBAN
 - ▶ Product Cost Planning

Use CO01 to create a Production Order

Production Order Create: Initial Screen

Material	T-F120
Production Plant	
Planning Plant	1000
Order Type	PP01
Order	

Enter a Material which **should** have the following data view:

- MRP
- Work Scheduling
- Accounting

Enter the Planning Plant

Enter an Order Type

In IDES,
you can use
Planning Plant 1000
Order Type PP01
Materials T-F101 to T-F130
(discrete PPDI Pump)

Production order Create: Header

Material Capacity Production Version

Order Type PP01
Material T-F120 Pump PRECISION 100 Plant 1000
Status

- General
- Assignment
- Goods Receipt
- Control
- Dates/Qties
- Master Data
- Long Text
- Administration
- SAP Event Mgmt

Quantities

Total Qty	<input type="text" value="10"/>	PC	Scrap Portion	<input type="text" value="0,00"/>
Delivered	<input type="text" value="0"/>		Short/Exc. Rcpt	<input type="text" value="0"/>

Dates/Times

	Basic Dates		Scheduled		Confirmed
End	<input type="text"/>	<input type="text" value="00:00"/>	<input type="text"/>	<input type="text" value="00:00"/>	<input type="text"/>
Start	<input type="text"/>	<input type="text" value="00:00"/>	<input type="text"/>	<input type="text" value="00:00"/>	<input type="text"/>
Release	<input type="text"/>		<input type="text"/>		<input type="text"/>

Scheduling	Floats
Type <input type="text" value="2 Backwards"/>	Sched. Margin Key <input type="text" value="001"/>
Reduction <input type="text"/>	Float Bef. Prdn <input type="text" value="2"/> Workdays
Note <input type="text" value="No scheduling note"/>	Float After Prdn <input type="text" value="1"/> Workdays
Priority <input type="text"/>	Release Period <input type="text" value="5"/> Workdays

Enter a Qty

Production order Create: Header

Order Type PP01
 Material T-F120 Pump PRECISION 100 Plant 1000
 Status

- General
- Assignment
- Goods Receipt
- Control
- Dates/Qties
- Master Data
- Long Text
- Administration
- SAP Event Mgmt

Quantities

Total Qty	10	PC	Scrap Portion	<input type="text"/>
Delivered	0		Short/Exc. Rcpt	0

Dates/Times

	Basic Dates	Scheduled	Confirmed
End	01092016 00:00	<input type="checkbox"/>	00:00
Start	<input type="text"/> 00:00	<input type="checkbox"/>	00:00
Release	<input type="text"/>	<input type="checkbox"/>	00:00

Scheduling

Type 2 Backwards

Note No scheduling note

Priority

Floats

Sched. Margin Key 001

Float Bef. Prdn 2 Workdays

Float After Prdn 1 Workdays

Release Period 5 Workdays

Depending on Scheduling Type, enter End or Start Date ... Then Press ENTER

Production order Create: Header

Order: %000000000001 Type: PP01
 Material: T-F120 Plant: 1000
 Status: CRTD MANC SETC

- General
- Assignment
- Goods Receipt
- Control
- Dates/Qties
- Master Data
- Long Text
- Administration
- SAP Event Mgmt

Quantities

Total Qty: 10 PC Scrap Portion: 0,00 %
 Delivered: 0 Short/Exc. Rcpt: 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	01.09.2016	00:00	30.08.2016	15:00		
Start	24.08.2016	00:00	26.08.2016	12:48		00:00
Release			19.08.2016			

Scheduling

Type: 2 Backwards
 Reduction: No reduction carried out
 Note: No scheduling note
 Priority: []

Floats

Sched. Mar
 Float Bef.
 Float Afte
 Release P

In general, the system may do the following depending on IMG:

- . copy BOM
- . copy Routing
- . scheduling
- . read paramters from MRP and Work Scheduling view into the Order

Production order Create: Header



Order: %000000000001

Material: T-F120 Pump PRECISION 100

Status: CRTD MANC SETC

Type: PP01 Plant: 1000

You can check Routing via this ICON

- General
- Assignment
- Goods Receipt
- Control
- Dates/Qties
- Master

Quantities

Total Qty	10	PC	Scrap Portion	
Delivered	0		Short/Exc. Rcpt	0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	01.09.2016	00:00	30.08.2016	15:00		
Start	24.08.2016	00:00	26.08.2016	12:48		00:00
Release			19.08.2016			

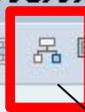
Scheduling		Floats	
Type	2 Backwards	Sched. Margin Key	001
Reduction	No reduction carried out	Float Bef. Prdn	2 Workdays
Note	No scheduling note	Float After Prdn	1 Workdays
Priority		Release Period	5 Workdays



Production Order Create: Operation Overview



Order: %000000000001 Type: PP01
 Material: T-F120 Pump PRECISION 100 Plant: 1000
 Sequence: 0 0 Standa... Pump (standard sequence)



You can check BOM via this ICON

Op.	SOp	Start	Start	Work C...	Plant	Co...	StdText	Operation short tex	PRT	TP	D...	End	Operation Qty
0010		26.08.2016	12:48:34	T-M20	1000	PP01	P000001	Bereitstellung gemä	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	26.08.2016	1
0020		26.08.2016	14:42:51	T-V20	1000	PP01	P000002	Einpressen Laufrad i	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29.08.2016	1
0030		29.08.2016	12:48:34	T-L20	1000	PP01	P000004	Lackieren Gehäuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	29.08.2016	1
0040		30.08.2016	08:13:42	T-E20	1000	PP01	P000002	Einbau Welle in Gehäuse	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30.08.2016	1
0050		30.08.2016	10:44:17	T-F20	1000	PP01	P000002	Endmontage Pumpe	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	30.08.2016	1
0060		30.08.2016	14:02:51	T-P20	1000	PP99	P000003	Abliefern an Lager	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	30.08.2016	1
0070			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0080			00:00:00						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0090			00:00:00						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0100			00:00:00						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0110			00:00:00						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0120			00:00:00						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0130			00:00:00						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0140			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0150			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0160			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0170			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0180			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0190			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0200			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0210			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0220			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
0230			00:00:00		1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Data copied from Routing



Production Order Create: Component Overview

Material Capacity Components

Order: 000000000001 Type: PP01
Material: T-F120 Pump PRECISION 100 Plant: 1000

Filter: NO_FIL No Filter Sorting: ST_STA Standard Sort



You can Return to the Prod Order header via this ICON

Item	Component	Description	Reqmt Qty	Batch	A..	B...	B...	S..	D..	D...	C...	P...	D..	B..	T...	Fi...
0010	T-B120	ing			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0020	T-B220	Fly wheel			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0030	T-B320	Hollow shaft	10	PC L	0010	0	1000	0001		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0040	T-B420	Electronic TURBODRIVE	10	PC L	0010	0	1000	0001		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0050	T-T320	Hexagon head screw M10	80	PC L	0010	0	1000	0001		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0060					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0070					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0080					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0090					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0100					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0110					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0120					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0130					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0140					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0150					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0160					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0170					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0180					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0190					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0200					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0210					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0220					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>
0230					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>

Production order Create: Header

Order: %000000000001 Type: PP01

Material: T-F120 Plant: 1000

Status: CRTD MANC



To Release the Prod Order click this ICON

- General
- Assignment
- Quantities
- Master Data
- Long Text
- Administration
- SAP Event Mgmt

Quantities

Total Qty: 10 0,00 %

Delivered: 0 Short/Exc. Rcpt: 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	01.09.2016	00:00	30.08.2016	15:00		
Start	24.08.2016	00:00	26.08.2016	12:48		00:00
Release			19.08.2016			

Scheduling		Floats	
Type	2 Backwards	Sched. Margin Key	001
Reduction	No reduction carried out	Float Bef. Prdn	2 Workdays
Note	No scheduling note	Float After Prdn	1 Workdays
Priority		Release Period	5 Workdays

Production order Create: Header

Material Capacity icons

Order: %00000000001

Material: T-F120 Pump PRECISION 100 Plant: 1000

Status: CRTD MANC SETC

Type: PP01

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration

Quantities

Total Qty: 10

Delivered: 0

Dates/Times

Basic Dates

End: 01.09.2016 00:00

Start: 24.08.2016 00:00

Release

Scheduling

Type: 2 Backwards

Reduction: No reduction carried out

Note: No scheduling note

Priority:

Release Order

Non-Availability of Material

Order: %00000000001

Material: T-F120

Plant: 1000

Quantity: 10 ST

Further Processing:

Release Order

Missing Parts List

Cancel

Depending on AV check setup in IMG, if missing parts, you may or may not be allowed to Release



Production order Create: Header

Order: %00000000001

Material: T-F120 Pump PRECISION 100

Status: REL MSPT SETC

User Status: RLAL

SAVE to RELEASE (if allowed)

- General
- Assignment
- Goods Receipt
- Control
- Dates/Qties
- Master Data
- Long Text
- Administration
- SAP Event Mgmt

Quantities

Total Qty: 10 PC Scrap Portion: 0,00 %

Delivered: 0 Short/Exc. Rcpt: 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	01.09.2016	00:00	30.08.2016	15:00		
Start	24.08.2016	00:00	26.08.2016	12:48		00:00
Release			19.08.2016		08.08.2016	

Scheduling		Floats	
Type	2 Backwards	Sched. Margin Key	001
Reduction	No reduction carried out	Float Bef. Prdn	2 Workdays
Note	No scheduling note	Float After Prdn	1 Workdays
Priority		Release Period	5 Workdays

Production order Create: Header

Order: %000000000001 Type: PP01
 Material: T-F120 Pump PRECISION 100 Plant: 1000
 Status: REL MSPT SETC
 User Status: RLAL

Quantities

Total Qty: 10 PC Scrap Portion: 0,00 %
 Delivered: 0 Short/Exc. Rcpt: 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	01.09.2016	00:00	30.08.2016	15:00		
Start	24.08.2016	00:00	26.08.2016	12:48		00:00
Release			19.08.2016		08.08.2016	

Scheduling

Type: 2 Backwards
 Reduction: No reduction carried out
 Note: No scheduling note
 Priority:

Floats

Sched. Margin Key: 001
 Float Ref. Prdn: 2 Workdays

Plan costs is derived on SAVING the Order.. but other process may also be executed depending on configuration of the Order Type.

Production Order Create: Initial Screen

Material	<input type="text" value=""/>	<input type="button" value=""/>
Production Plant	<input type="text" value=""/>	
Planning Plant	<input type="text" value=""/>	
Order Type	PP01	Standard Production Order (int. number)
Order	<input type="text" value=""/>	

Copy from	
Order	<input type="text" value=""/> <input type="button" value="→"/>

A Production Order has been created.