

Work orders

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Reservation of material

Example uses DNC-02264-2020

On work order's page in ERP we click the open the **"Bill of materials"** section of work order item.

The screenshot shows the 'Bill of Materials' section for work order DNC-02264-2020. It displays a table with columns: ID, SKU, SHORT NAME, SERIAL NUMBERS, STOCK, QUANTITY, TOTAL QUANTITY, PRE-RESERVED QUANTITY, RESERVED QUANTITY, USED QUANTITY, REQUIRED FOR PA/DN, INCOMING STOCK, and DELIVERY DATE. The table is currently empty. Above the table, there are input fields for 'PRODUCT' and 'QUANTITY' (set to 1,000), and a 'Select serials' button. There are also links for 'Create reservation task', 'Add item from product', and 'WO BOM products'.

In the form, we find the material we want to add/reserve on this work order and then we enter the quantity of material to add to the work order.

Then we click the **"Select serials"** button, check the listed serials we want to add this material to and click the **"Add product"** button. This adds the material to the work order item's bill of materials.

The screenshot shows the 'Select serials' dialog box. It has a search bar with '10' entered. Below the search bar, there are buttons for 'Check all', 'Uncheck all', 'Select first 10', 'Select last 10', and 'Select TBDs'. A list of serials is shown, with the first one 'TBD-0000000029529' checked. At the bottom, there is a red button labeled '+ Add product'.

TIP: Unreserved material in the "Bill of materials" list is colored yellow, virtually reserved material is color blue and physically reserved material is color green.

DNC-02264-2020

55701

AME.0600014.65C: ALU_SIRIUS_BACK_MASTER

GRAVIRANJE

99

99

Save

Bill of Material
99x AME.0600014.65C: ALU_SIRIUS_BACK_MASTER
1.00 / 1.00 / 1.00 / 0.00
Receipt quantity: 99/99
Material due date: Empty
Due date: Empty

Bill of Material

PRODUCT

MME.0001043.000 ALU_ALMGSI_15x140x265

QUANTITY

1,0000

Select serials

Create reservation task

Reserve

Add bom from product

WCI BOM products

ID	SKU	SHORT NAME	SERIAL NUMBERS	STOCK	QUANTITY	TOTAL QUANTITY	PRE-RESERVED QUANTITY	RESERVED QUANTITY	USED QUANTITY	REQUIRED FOR PA/DN	INCOMING STOCK	DELIVERY DATE
x	1131785	MME.0001043.000 ALU_ALMGSI_15x140x265		319.00 200	1	1	0	0	0	220	100	

Once the material is added, we need to physically reserve it. To do this, we press the "**Create reservation task**" button on top right corner. This open a modal, where we select ourselves and then press the **Create** button.

USER

Nejc Frece Žohar,
nejc.frece.zohar@dewesoft.com

DUE DATE

dd.mm. yyyy

Cancel

Create

Create reservation task

Reserve

Add bom from product

With the reservation task created, we navigate to Dashboard and start the reservation task, found in the Tasks table. Once competed, the material is physically reserved on the work order.

DNC-02264-2020 - MME.001043.000

INTERNAL

Next in line:

Product:

Empty

Serial number:

Empty

Stock:

Product:

Empty

Serial number:

Empty

Stock:

From WL:

Empty

Serial number:

Empty

Stock:

To WL:

Physical reservations

Serial number:

Empty

Stock:

Quantity (MAX: 0)

1

Add

Add serial

1x AME.0602103.21C

ALU_XR9_ENCLOSURE_LEFTSIDE_F-X

Warehouse locations:

S1/3R6/4/05 - 2 piece

Required:

1.00

Quantity added:

0.00

Add serials:

Print

None

-5

-1

+1

+5

All (0)

Unreservation of material

Example uses DNC-02264-2020

On work order's page in ERP we click the "**Barcode card**" button under work order's document number.

DNC-02264-2020

Material flow

Barcode card

Work order information

DOCUMENT TYPE
CNC Work Order

FACILITY
CNC proizvodnja

REFERENCE NO.
Enter document reference number

Work order information

STATUS
[Orange Box]

ORDER
Select

EXTERNAL
External


Items

PRODUCT

BOM
Select bom

WOI ID	PRODUCT	LAST RECEIPT LOCATION	CURRENT
55701	AME.0600014.65C: ALU_SIRIUS_BACK_MASTER	GRAVIRANJE	


This opens a modal, that can be used with the barcode scanner. For unreservation of material we click the "**Unreserve**" button.



DNC-02264-2020

IN PROCESS

Sep 25, 2020


AME.0600014.65C:
ALU_SIRIUS_BACK_MASTER

Received to Warehouse: 99.00 / 99.00
Current material location: Unknown

location

Status: NEW

Unreserve


Transfer to self


Transfer to user...


WAREHOUSE LOCATION

Transfer to location

SERIAL NUMBER	GOODS RECEIPT	USER	CREATED AT
DA20152052	GRP-00597-2021		Sep 25, 2020, 07:27:58
DA20151774	GRP-00599-2021		Sep 25, 2020, 07:27:58
DA20151824	GRP-00597-2021		Sep 25, 2020, 07:27:58
DA20151794	GRP-00599-2021		Sep 25, 2020, 07:27:58
DA20151815	GRP-00599-2021		Sep 25, 2020, 07:27:58
DA20151773	GRP-00599-2021		Sep 25, 2020, 07:27:59
DA20151775	GRP-00599-2021		Sep 25, 2020, 07:27:59
DA20151811	GRP-00599-2021		Sep 25, 2020, 07:27:59
DA20151854	GRP-00597-2021		Sep 25, 2020, 07:27:59


Transfer to self


View


Close

Clicking the **"Unreserve"** button creates a unreservation task. You get automatically redirected to that task.

Unreservation: DNC-02264-2020 - AME.0600014.65C

Scanned serial:

Quantity:


To warehouse location:

Add to unreserve list:

Scan product

QUANTITY(MAX: 1)

Empty


Add

Material on work order item:

PRODUCT	SERIAL NUMBER	STOCK	QUANTITY
MME.0000966.000: ALU_ALMGSI1_20x40x265			607.00 / 457.00 / 457.00

Transfer items:
No items

Back

Cancel

Unreserve and transfer from work order item

Unreserve from work order item and add to unreserve list

Cancel unreserve

On the task page, we fill out all the necessary data:

- First, we select the product, we want to unreserve from the work order.
- Then, we enter the quantity (amount of) this product that we want to unreserve.
- Lastly, we select the warehouse location , where the product will be transferred after unreservation.

TIP: All of these fields can be filled by clicking on the data in the table under the "Material on work order item" heading.

Scanned serial: MME.0000966.000

Quantity:


To warehouse location:

Add to unreserve list:

ALU_ALMGSI1_20x40x265

QUANTITY(MAX: 100)
100

CNC default location


Add

CNC default location


Once all the necessary fields are filled out, click/scan the **"Add"** button. This will add the product to the unreservation list.

To warehouse location:

CNC default location

CNC default location

Add to unreserve list:



Add

	QUANTITY
	457.00

STOCK	QUANTITY
607.00 / 457.00 / 457.00	100.00

Unreserve and remove from work order item bom

Unreserve, create virtual reservation and go to reservation task

Only unreserve

To finish the unreservation task, we click the **"Unreserve and remove from work order item bom"** button. This will perform physical unreservation of all material that is on the unreservation list and remove it from the work order.

Fix technologies on work orders

When updating **DNC** work orders, you have different types of reservation technologies: **Reservation&Cutting** and **Reservation**.

The difference between **Reservation&Cutting** and **Reservation** is in the way they **reserve material**. **Reservation&Cutting** performs **virtual and physical reservation**, while **Reservation** only does **physical** reservation of the material.

You should only use either **Reservation&technologies** or **Reservation**. Using both will result in an error.

Work order is completed and technologies stayed opened

Sometimes work orders are completed, but some of its technologies remain open.

When this happens, the work order needs to be unlocked, after which the unnecessary technologies can be deleted. Once the technologies are deleted, the work order should be re-locked.

Home /
DNC-00329-2025

Material flow

Barcode card

To single piece

Technology

Save

DNC-00329-2025/2 50x AME.0601307.11N:
ALU_IOLITE_SLIDE_STG6

215.00 / 274.00 / 261.00 / 102.00 /
200.00

Receipt quantity:
50/50

Material due date: Empty. Due date: Empty.

PRODUCT

QUANTITY
1,0000

Select serials

Create reservation task

Add bom from product

WOI BOM p

ID	SKU	SHORT NAME	SERIAL NUMBERS	STOCK	QUAN...	TOTAL QUANTITY	PRE- RESERVED QUANTITY	RESERVED QUANTITY	USED QUANTITY	REQUIRED FOR PA/ DN	INCOMING STOCK	DELIVERY DATE
1856499	MME.06013...	ALU_IOLITE_SLIDE_STG6 Release candidate		0.00 0	1	50	0	50	50	200	200	Apr 25, 2025

Serial numbers

50

Technology

TECHNOLOGY
Select technology template

LABOUR TIME [H]
0 0 0

Add technology

Create tasks

ASSIGNED USER	TECHNOLOGY	TASK	LABOUR TIME [H]	STARTUP TIME	HOURLY RATE	TOTAL AMOUNT
Marko Šmit	Reservation	CLOSED	00:15:00	00:00:00	0	
Empty	Reservation&Cutting	NEW	00:01:00	00:00:00	30	
Matej Vrbnik	Polishing	NEW	00:03:00	00:00:00	30	
Boštjan Petek	ALU Shipping	NEW	00:00:11	00:00:00	1	

Tasks can then be completed on the dashboard.