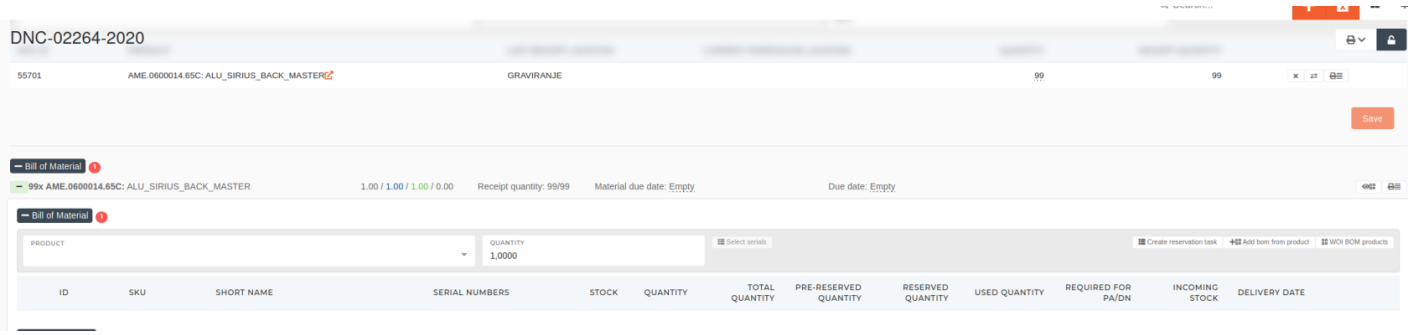
# Work orders

- Reservation of material
- Unreservation of material
- Fix technologies on work orders

# Reservation of material

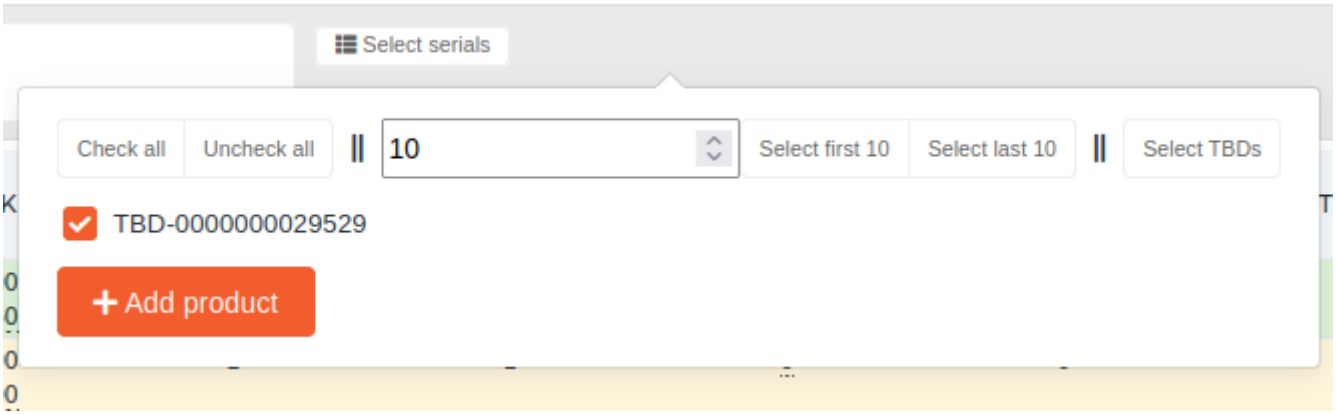
*Example uses DNC-02264-2020*

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

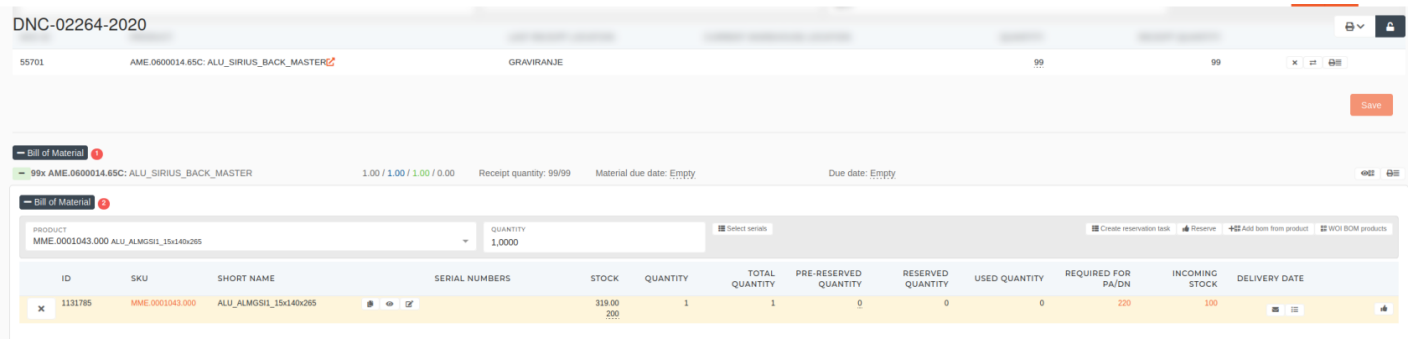



In the form, we find the material we want to add/reserve on this work order and then we enter the quantity of material to add to the work order.

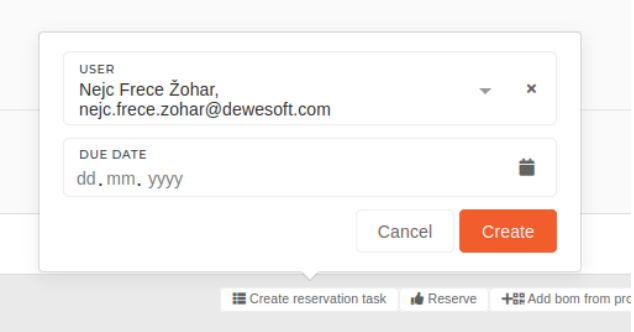
Then we click the **"Select serials"** button, check the listed serials we want to add this material to and click the **"Add product"** button. This adds the material to the work order item's bill of materials.



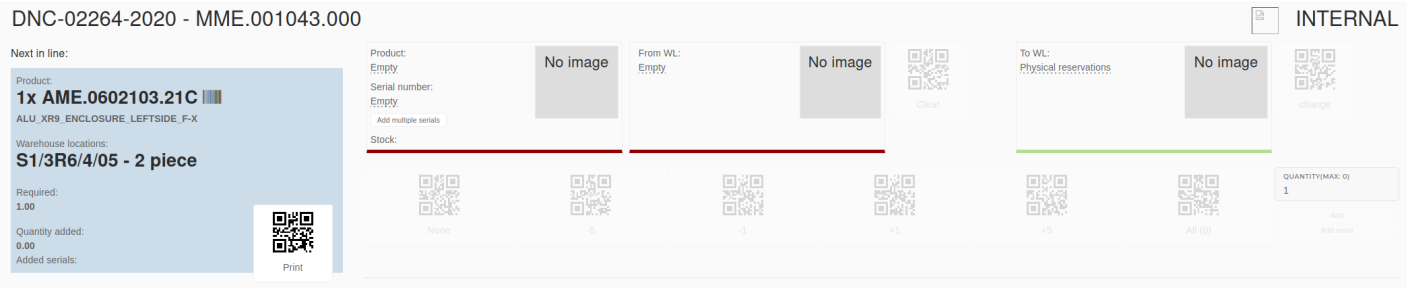

**TIP:** Unreserved material in the "Bill of materials" list is colored yellow, virtually reserved material is color blue and physically reserved material is color green.




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.



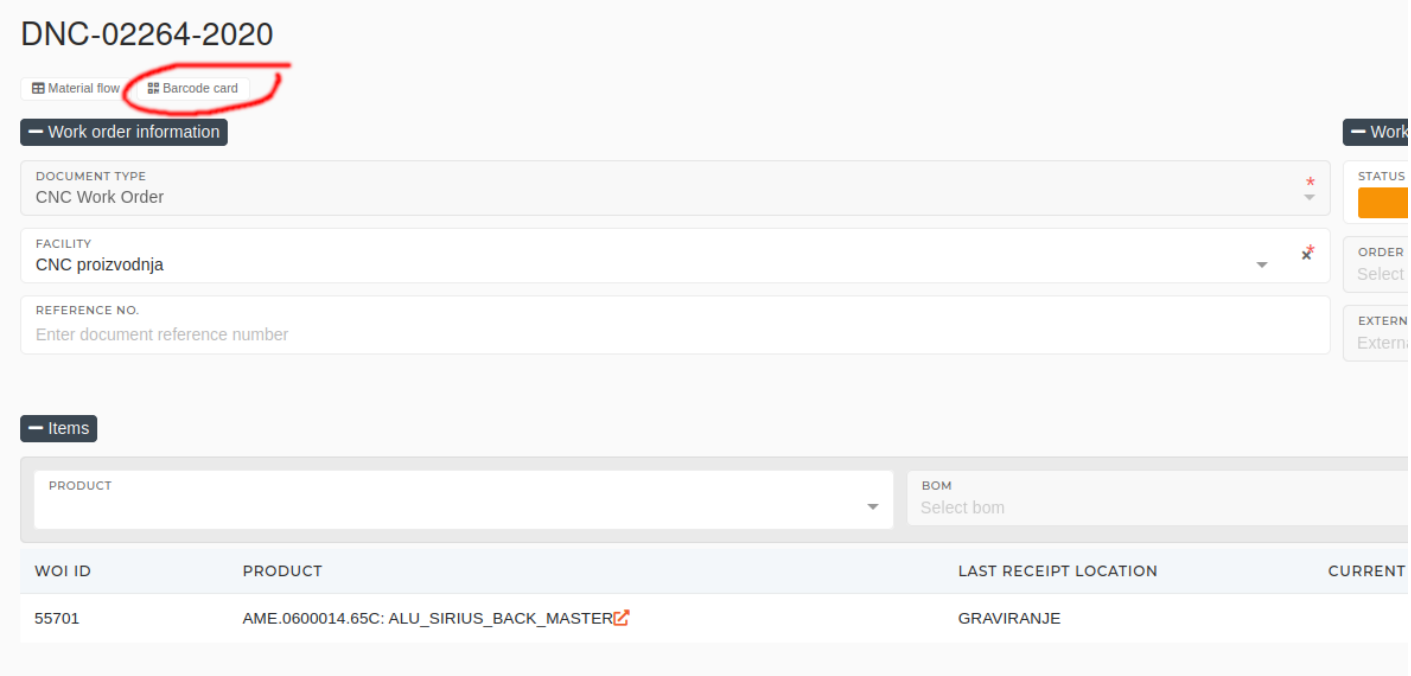

With the reservation task created, we navigate to Dashboard and start the reservation task, found in the Tasks table. Once competed, the material is physically reserved on the work order.



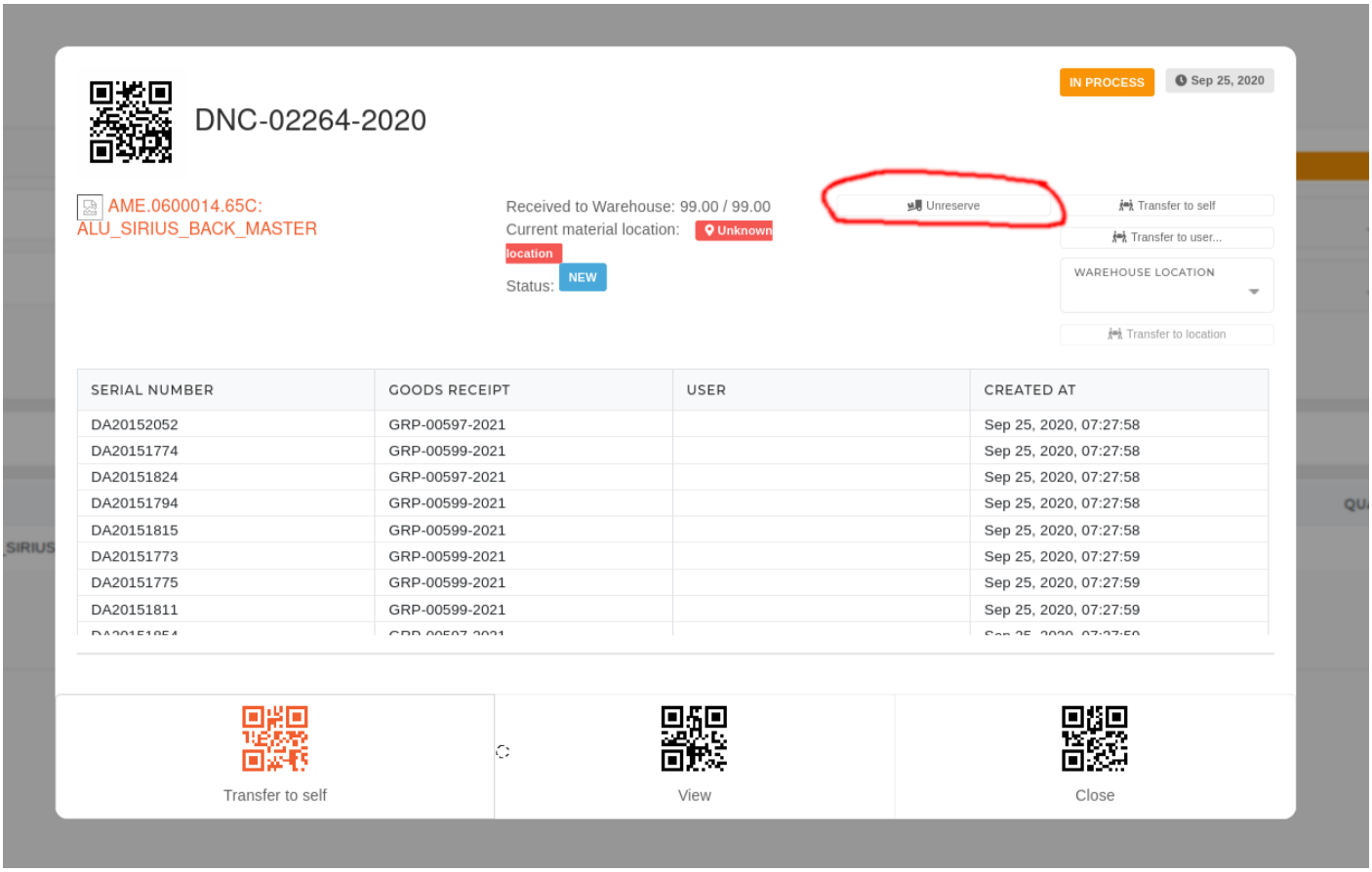
# Unreservation of material

*Example uses DNC-02264-2020*

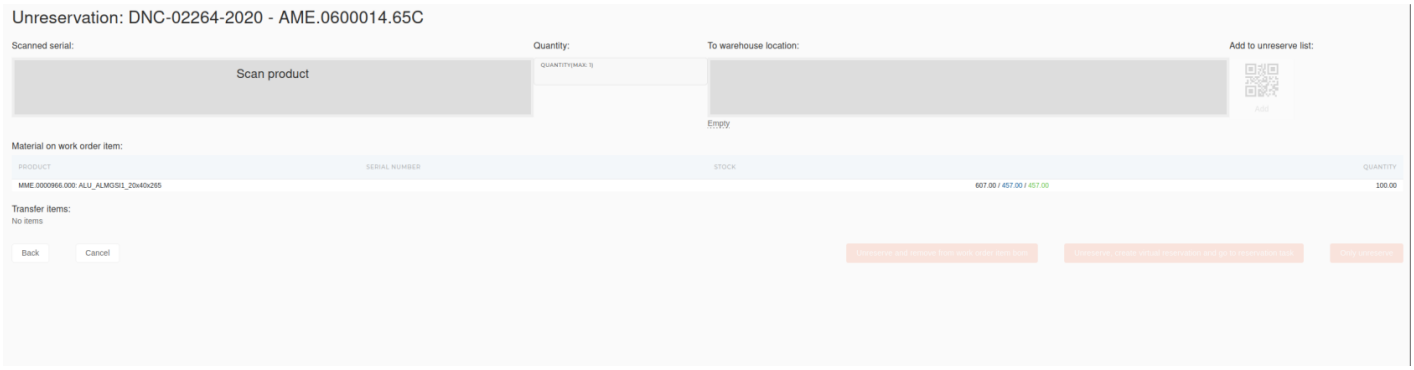
On work order's page in ERP we click the "**Barcode card**" button under work order's document number.




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




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

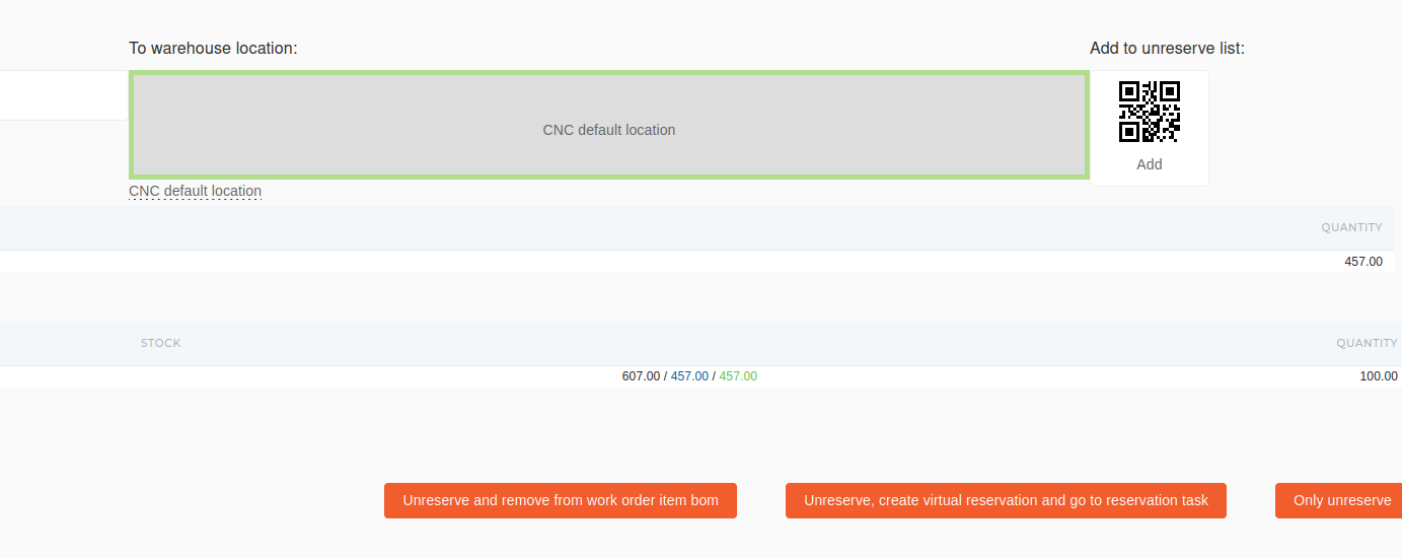



On the task page, we fill out all the necessary data:

- 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 transfered 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.

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




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**.

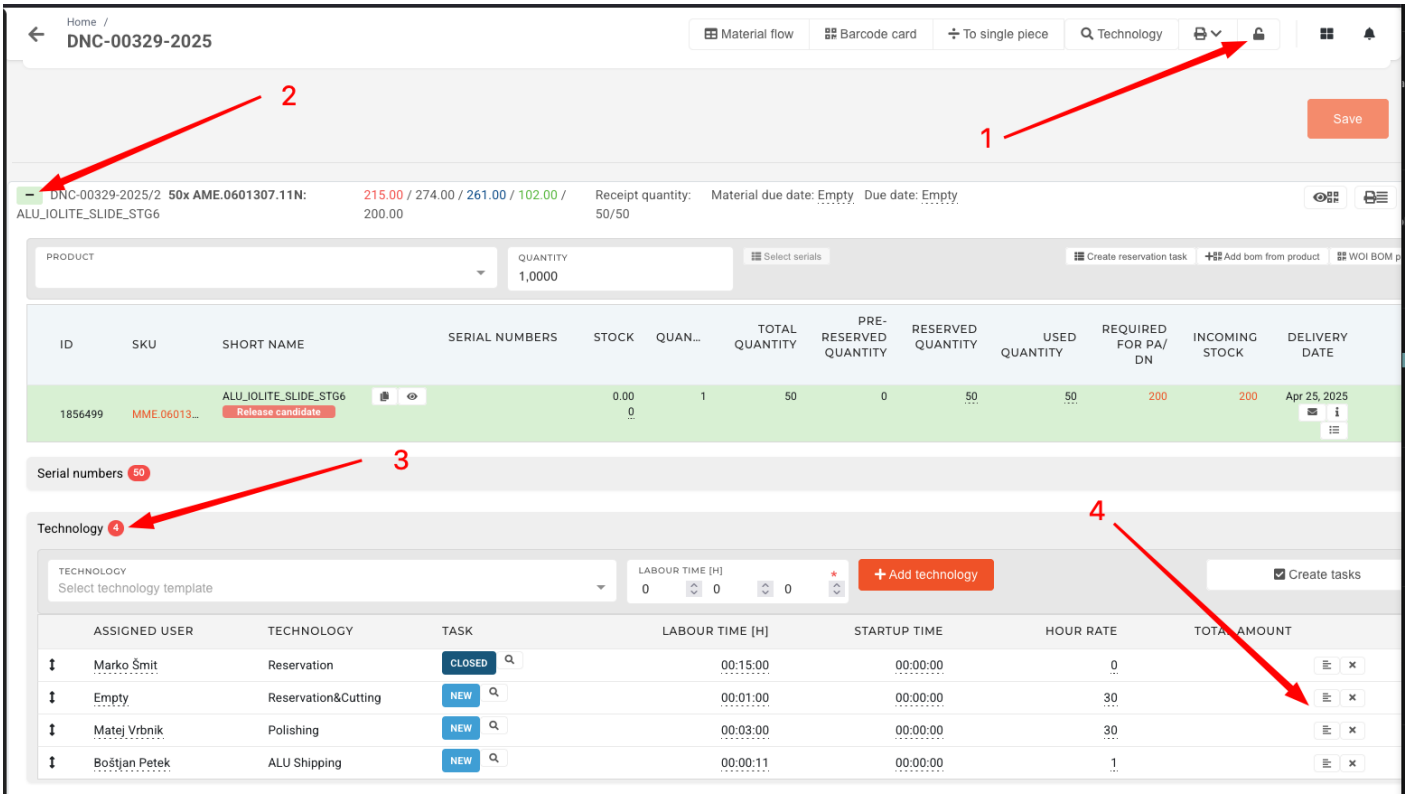
The difference between **Reservation&Cutting** and **Reservation** is in the way they **reserve material.** **Reservation&Cutting** performs **virtual and physical reservation,** while **Reservation** only does **physical** reservation of the material.

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.




Tasks can then be completed on the dashboard.