

Recent innovations Q2-2023 - What's new

HANDLING OF MANY OPERATIONS IN PRODUCE OPERATOR

Key issue

Insufficient ability to filter available operations in Produce operator

Solution

Combination of filter and sorting - By activating an additional filter line, the operator can first filter and then sort open operations.

Benefit

Allows operators to better handle larger quantities of available operations. This gives the operator more visibility and enables him to identify similar operations from different production orders, for example to reduce set-up time.



The screenshot shows the 'PRODUCE / OPERATOR' interface. At the top, it says 'PRODUCE / OPERATOR' and 'TINO'S DEMO SYSTEM'. Below this, there's a section for 'My operations' with a table containing one row: Order 207, Item code BC05007, Item name Roadbike Canyon Ultimate AL SLX, Status Partially com..., Operation Bike testing - Step 2, Estimated duration 02:30:00, and Planned quan... 5 Pcs. Below this is a section for 'All operations' with 10 items. It has a filter dropdown set to 'All' and a 'Ready to start' button. A 'More filters' button is highlighted with a red box. Below this is a table with columns: Order, Item code, Item name, Status, Planned quantity, Operation, Customer, Start date, and End date. The table contains 7 rows of data. A red box highlights the search and filter icons in the table header.

Order	Item code	Item name	Status	Planned quantity	Operation	Customer	Start date	End date
207	BC05007	Roadbike Canyon Ultimate AL SLX	Partially completed	5 Pcs	Bike testing - Step 2	River Inc	24.10.2022	24.10.2022
206	BC05007	Roadbike Canyon Ultimate AL SLX	Started	2 Pcs	Bike assembly - Step 1	Microchips	27.10.2022	27.10.2022
208	BC05007	Roadbike Canyon Ultimate AL SLX	Not started	5 Pcs	Bike testing - Step 2	ADA Technologies	31.10.2022	31.10.2022
208	BC05007	Roadbike Canyon Ultimate AL SLX	Not started	5 Pcs	Bike assembly - Step 1	ADA Technologies	31.10.2022	31.10.2022
213	BC05001	Roadbike Wheelset Carbon	Not started	2 Pcs	Wheel assembly		21.11.2022	21.11.2022
212	BC05000	Roadbike Canyon Aeroad CF SLX	Not started	2 Pcs	Bike testing - Step 2		02.11.2022	02.11.2022

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AVOID WRONG PRODUCTION POSTING

Key issue

It is possible to produce more than the planned quantity. In this case, a higher material consumption is unintentionally recorded for a production order. This can have a big impact on the stock amount and the product costs.

Solution

A validation is tracking the remaining quantity and informs the operator if the posting quantity is too high.

Benefit

Increases the quality of production postings and reduce the follow-up effort for corrections of stock transactions and product costs.



The screenshot shows the 'TINO'S DEMO SYSTEM' interface for 'Production order 207' at 'Bike testing - Step 2'. It displays a progress bar with five steps: Status, Quantity, Resources, Materials, and Review. A table shows 'Time spent' (00:00:53), 'Remaining quantity' (4 Pcs), 'Completed quantity' (1 Pcs), and 'Scrap' (0 Pcs). Below the progress bar, there are two options: 'More work is required' (The operation will be kept open) and 'I am finished with this operation' (The operation will be closed). A 'Confirm' dialog box is overlaid, asking 'The planned production order quantity has been exceeded. Are you sure?' with 'Cancel' and 'Continue' buttons.