LENNERTS
& PARTNER GmbH

MobileApps - Downloading / Feedback

Documentation

MobileApps - Downloading / Feedback

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1 GENERAL

1.1 DESCRIPTION

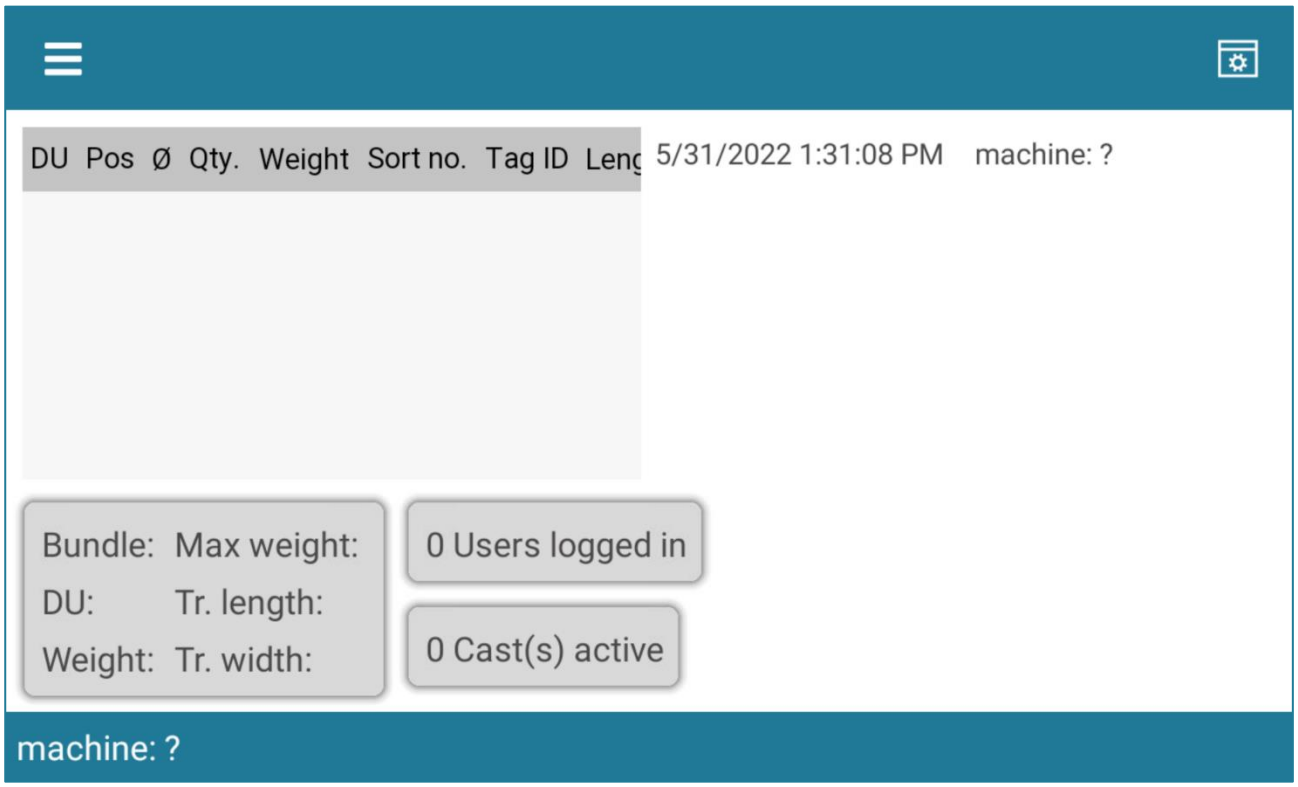
The mobile app “Downloading” was designed to run on a mobile scanner. It allows to perform the feedback of production items as well as downloading to the machines. Furthermore, login of operators, maintaining of casts and master bundling is supported.

1.2 REQUIREMENTS

The mobile app requires a device with either Windows 10 operating system in version 1803 minimum or Android operating system in version 8.0 minimum.

2 MAIN SCREEN

The main application screen shows based on the configuration either a table of items (left), a list of messages (right) or both. Below a box for bundling (left) and a box for operator login (right) are displayed. Underneath the operator login a box for cast management is displayed when this has been activated in the settings. The status bar at the end always shows the last message.

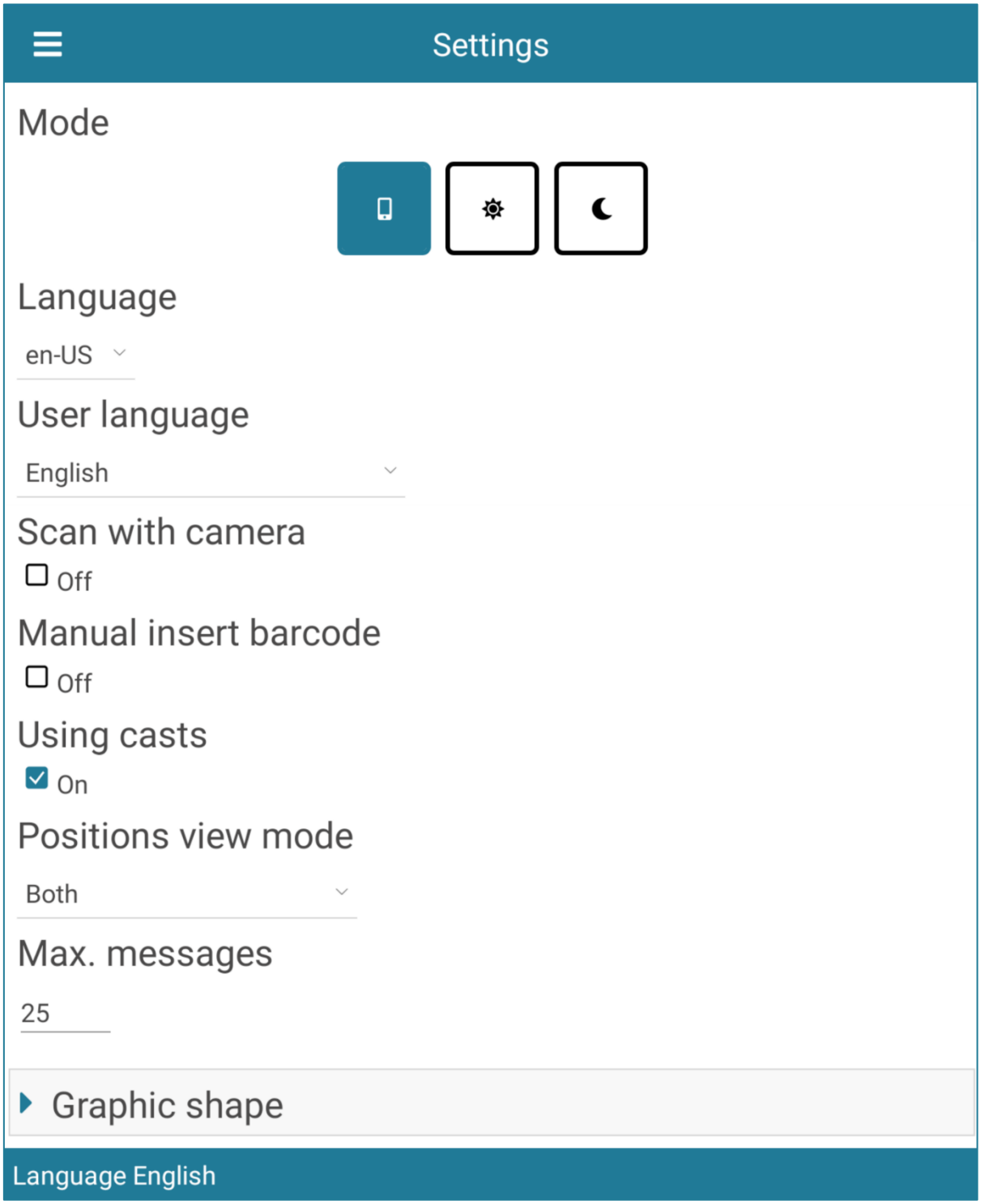


3 MENU

By clicking on the menu button in the upper left corner of the main screen the menu appears. Here you can switch between the different screens.

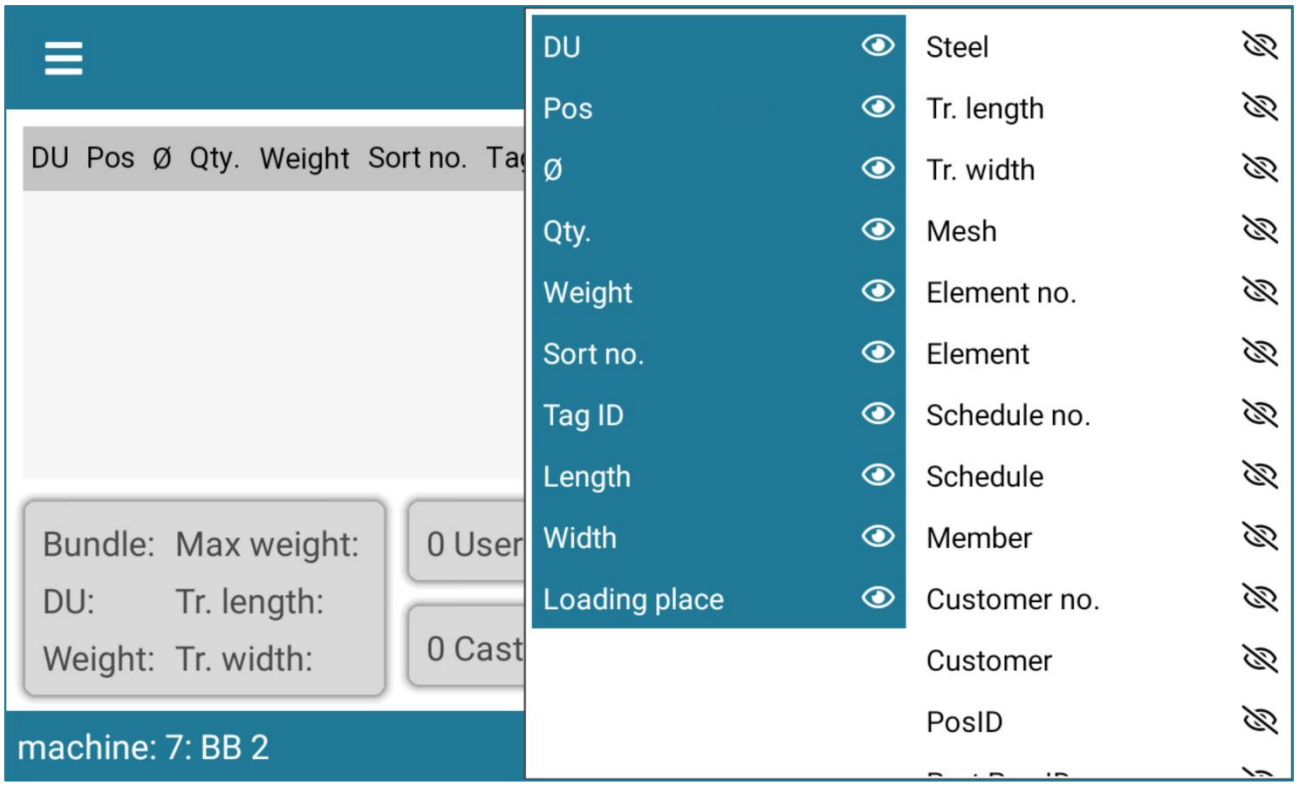
4 SETTINGS

In the settings you can choose the application language as well as the language in which the messages are displayed. The option “Manual insert barcode” activates a button in the upper right corner of the main screen. When clicking on it a window for manual input of the barcode number is shown in case the barcode is not readable. The option “Using casts” turns on the box for cast management as well as the menui button “Casts”. The selection in the option „Positions view mode” deines if the table of items, the list of messages or both is displayed. The parameter “Max. messages” restricts the number of last messages. Under “Graphic shape” several adjustments regarding the measured shape code picture can be found.


Settings
Mode
Language
en-US
User language
English
Scan with camera
Off
Manual insert barcode
Off
Using casts
On
Positions view mode
Both
Max. messages
25
Graphic shape
Language English

5 COLUMN SELECTION

By clicking on the button “Column selection” in the upper right corner of the main screen a separate view appears. Here you can show resp. hide columns as well as change their sequence by drag&drop.

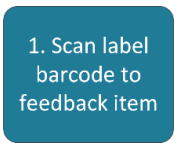


6 MACHINE SELECTION

The app can be linked to one specific machine or the machine selection could be activated. In the second case the main application screen shows a question mark after the start. Simply scan a machine barcode from the list of machines to select the corresponding machine. As soon as a machine has been selected resp. when a specific machine is linked the short description oft he machine is displayed in the title bar.

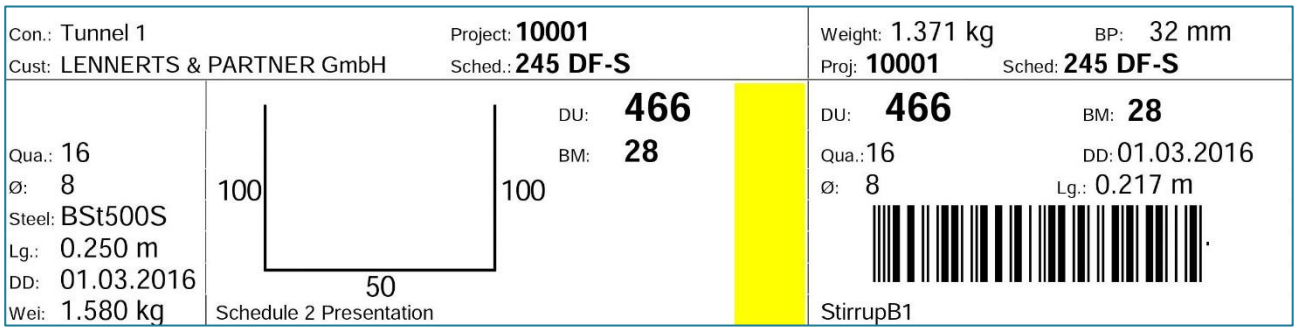
7 FEEDBACK

7.1 PROCESS FLOW

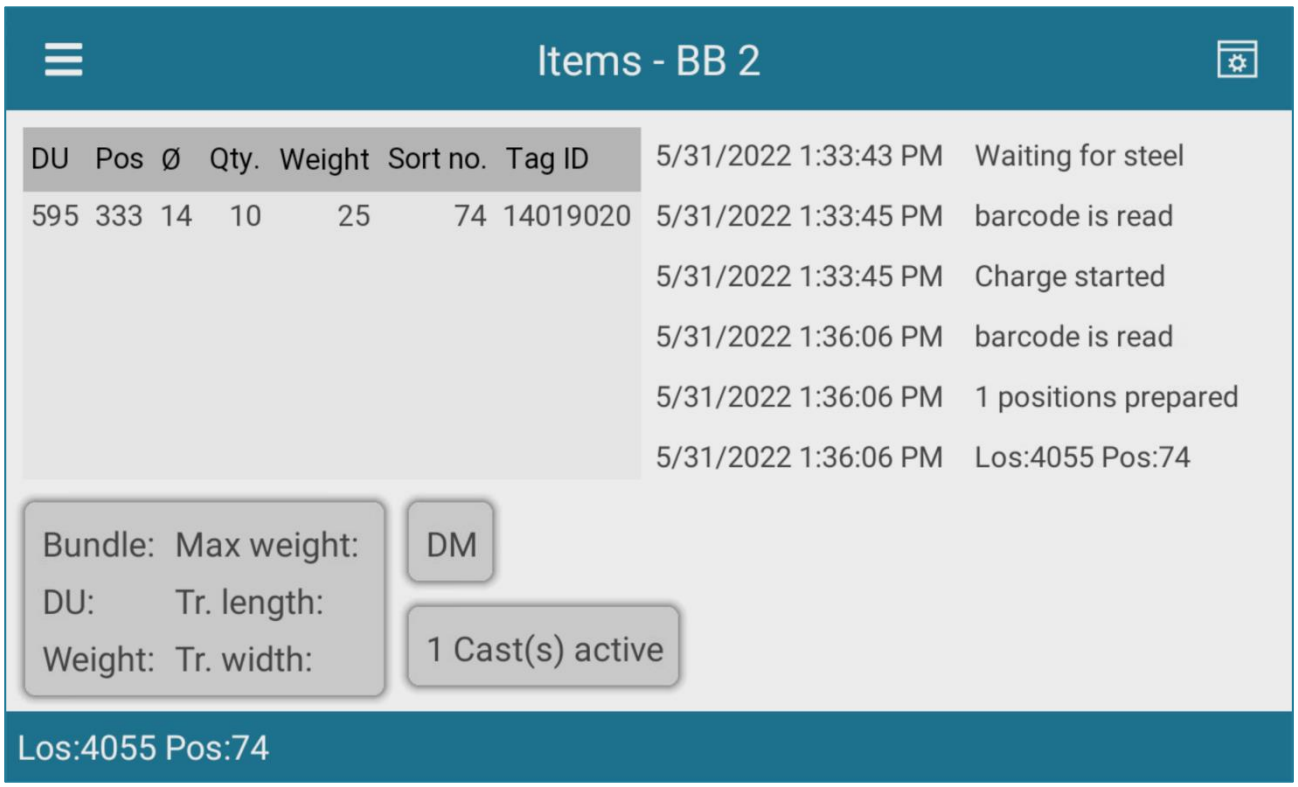


7.2 DESCRIPTION

To feedback a production item, scan the barcode from the label.

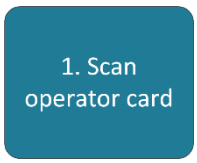


Once the barcode has been scanned, the production unit number and item number as well as detaisl of the item in the table of items are shown.



8 OPERATOR LOGIN

8.1 PROCESS FLOW



8.2 DESCRIPTION

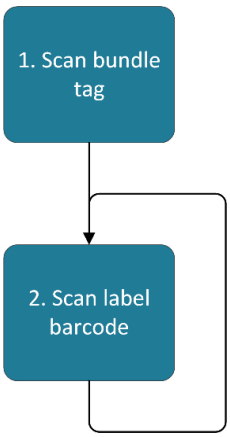
To login an operator, simply scan the barcode "Production" from the corresponding operator card. If only one operator is logged in the initials of the operator are shown directly in the box. If several operators are logged in, the number of operators is displayed in the box.

By clicking on the box as well as by clicking on the button "User" in the menu the display switches to the screen "Users". Here you can log out single operator by clicking on the button.

User
ID: 86
No: 38
Name: DM
machine logged in

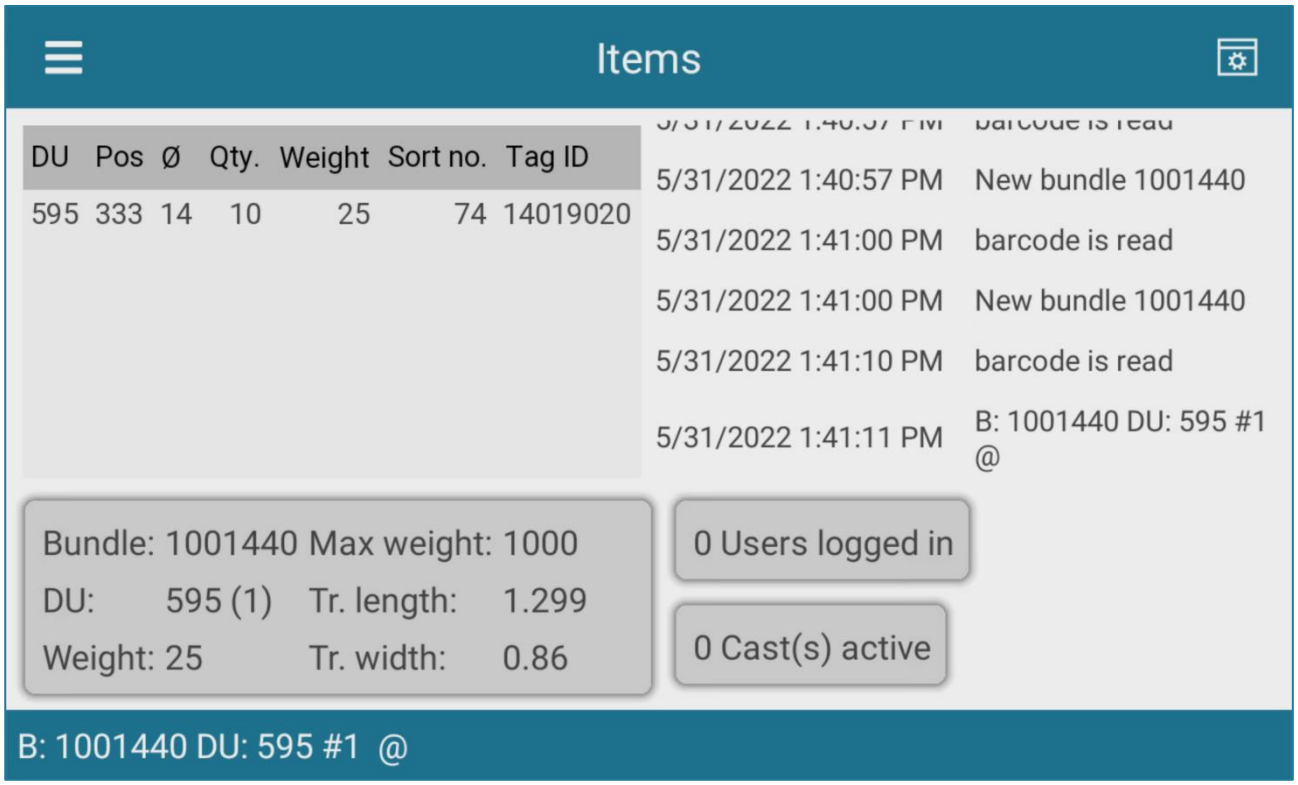
9 BUNDLING

9.1 PROCESS FLOW



9.2 DESCRIPTION

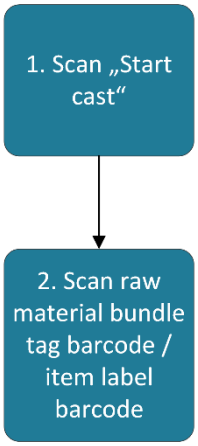
To start the bundling process simply scan a master bundle tag. The number of the master bundle is show in the bundling box immediately. Items can be linked to the master bundle by scanning the corresponding barcode from the item label. The values of the bundle are updated continuously.



10 CAST MANAGEMENT

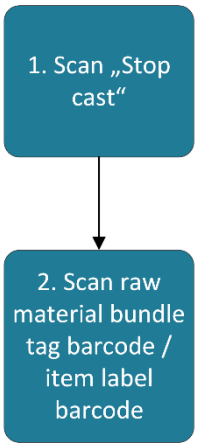
10.1 PROCESS FLOW

10.1.1 STARTING CAST NUMBERS

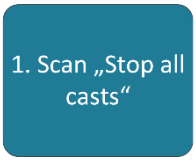


10.1.2 STOPPING CAST NUMBERS

To stop a specific cast:



To stop all active casts:



10.2 DESCRIPTION

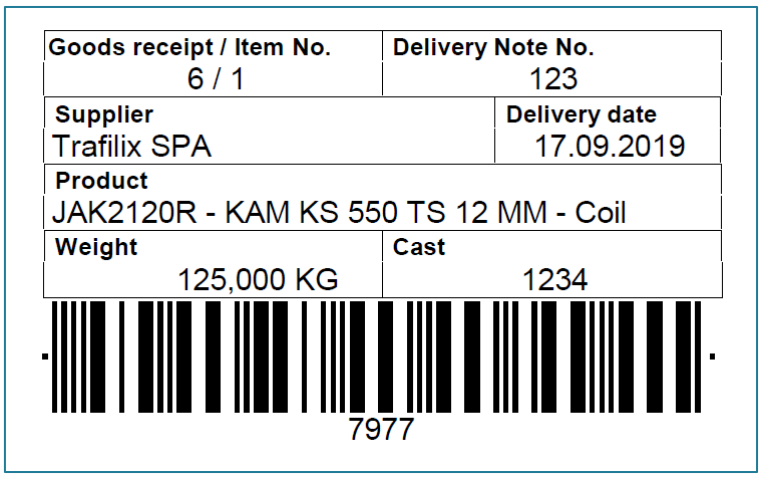
10.2.1 STARTING CAST NUMBERS

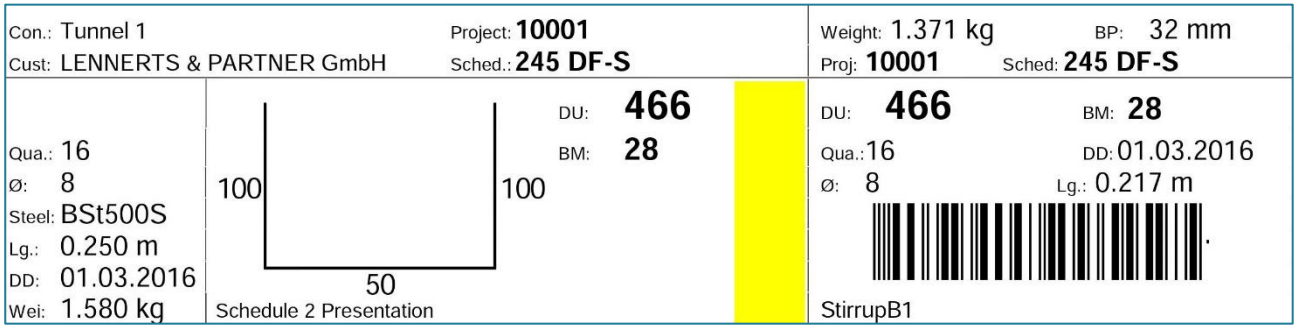
To register cast numbers with the feedback of production items, the used casts have to be started on the machine before feeding back any items. Two types of barcodes can be used as casts:

1. The raw material bundle tag barcode of the suppliers
2. The production item label barcode for any pre-produced items (even from other subsidiaries)

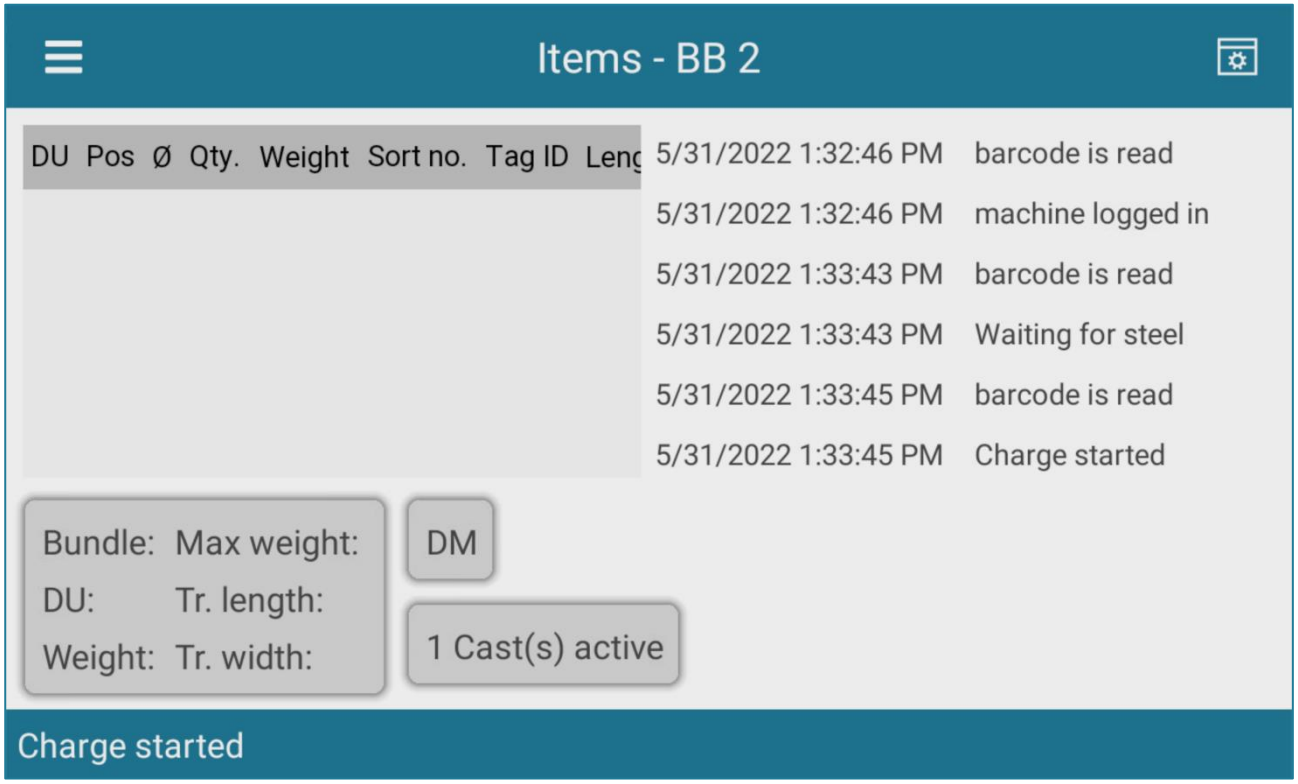
To start a cast scan the barcode “Start cast”.

When the barcode has been scanned the application ask for the raw material bundle tag or the production item label barcode. Now, scan the raw material bundle tag or production item label barcode.

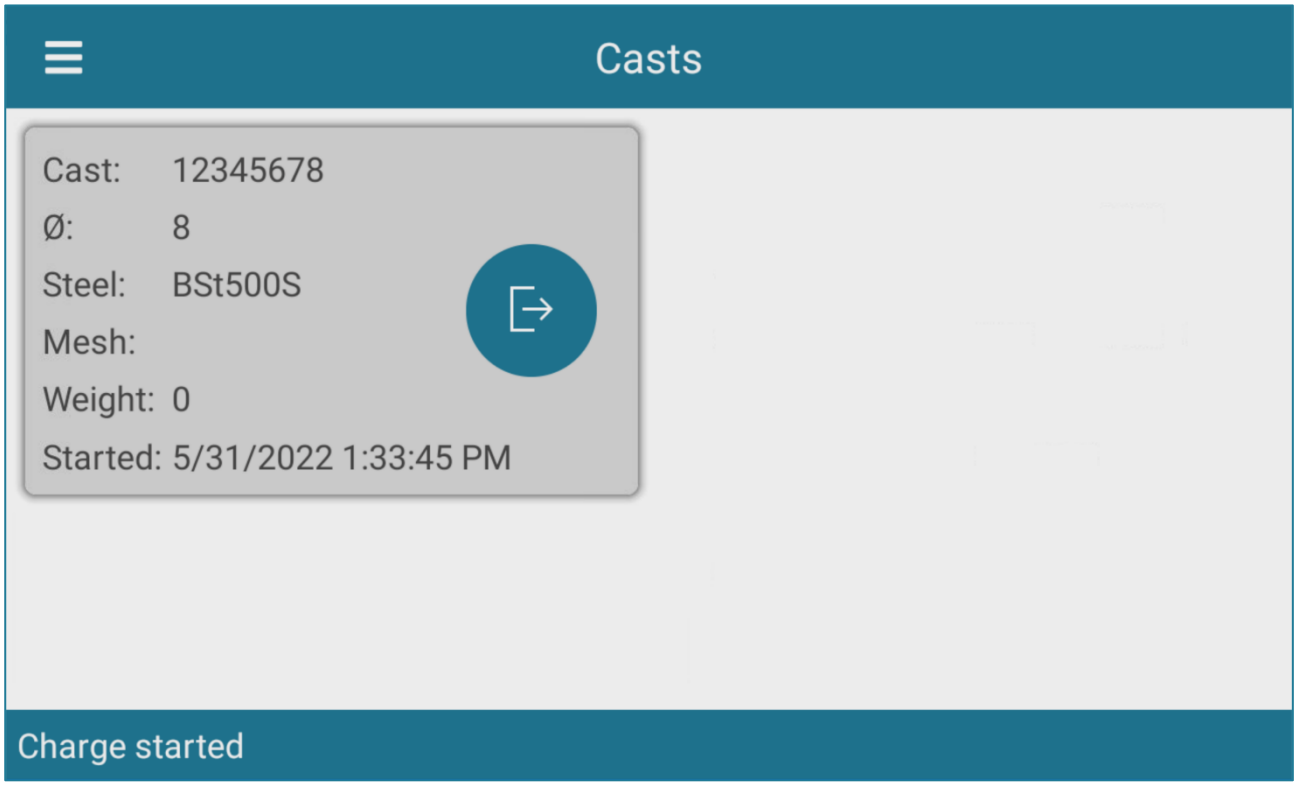




When the raw material bundle tag or the production item barcode has been scanned, the cast is started. Any item fed back afterwards will be linked to this cast.



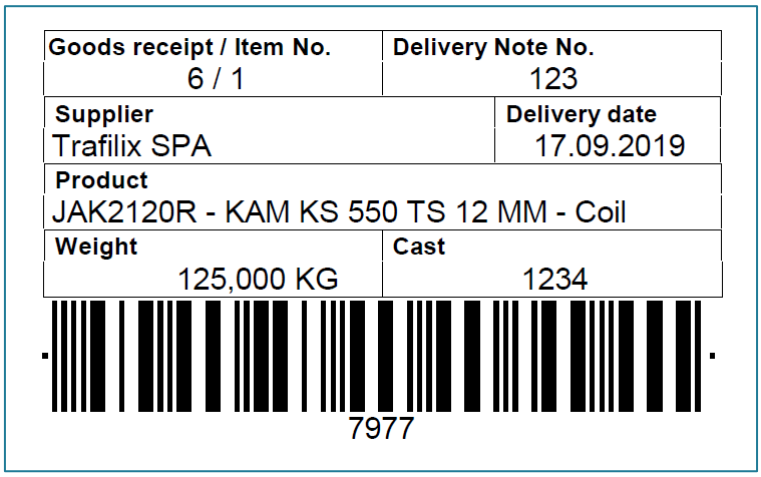
By clicking on the box as well as by clicking on the button „Casts” in the menu the display switches to the screen “Casts”. Here you can stop single casts by a click on the button.

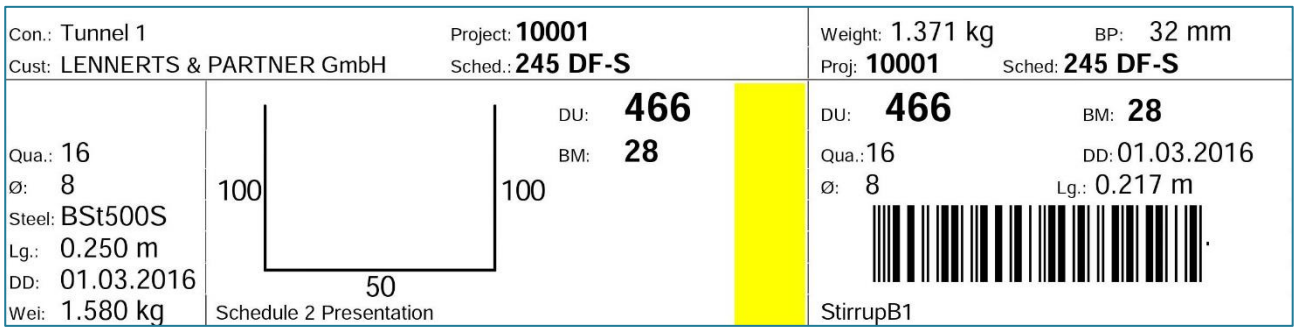

Casts
Cast: 12345678
Ø: 8
Steel: BSt500S
Mesh:
Weight: 0
Started: 5/31/2022 1:33:45 PM
Charge started

10.2.2 STOPPING CAST NUMBERS

To stop a single cast number simply scan the barcode “Stop cast” first.

Now, scan the raw material bundle tag or production item label barcode.





To stop all currently started cast numbers simply scan the barcode “Stop all casts”.