

An industrial scanner reads the barcode from (low-contrast) printing plates.

Example barcodes:



4601399301_Y_F_HD1

Barcode 128 (shortened)



Data Matrix (2D)

4601399301_Yellow_BG-1_Front_PLA0071_525_ST_OFF350_HD1_XX



1



2



3



4



5



6



7



8

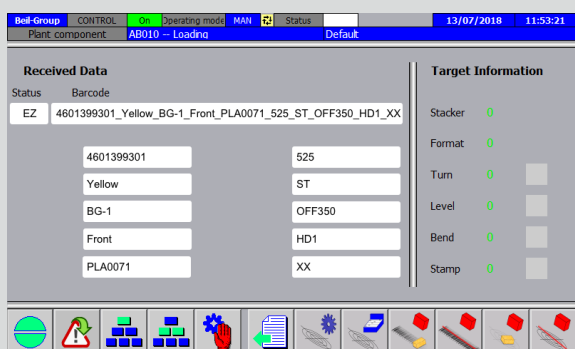


9



10

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. Job ID 2. Color (CMYK) 3. Sheet number 4. Front / Back 5. Plate ID for booking system | <ol style="list-style-type: none"> 6. Device ID imagesetter (which production line) 7. Priority (St = Standard; E = Express; O = Overnight) 8. Material / Paper (grammage) 9. Machine number 10. For free allocation |
|--|---|

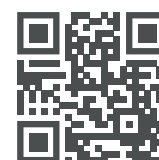


Received data and target information



Bilateral displaced printing plates

The target information within the barcode defines the processing of the respective printing plate. The processed data can be sent back to a higher-level system.

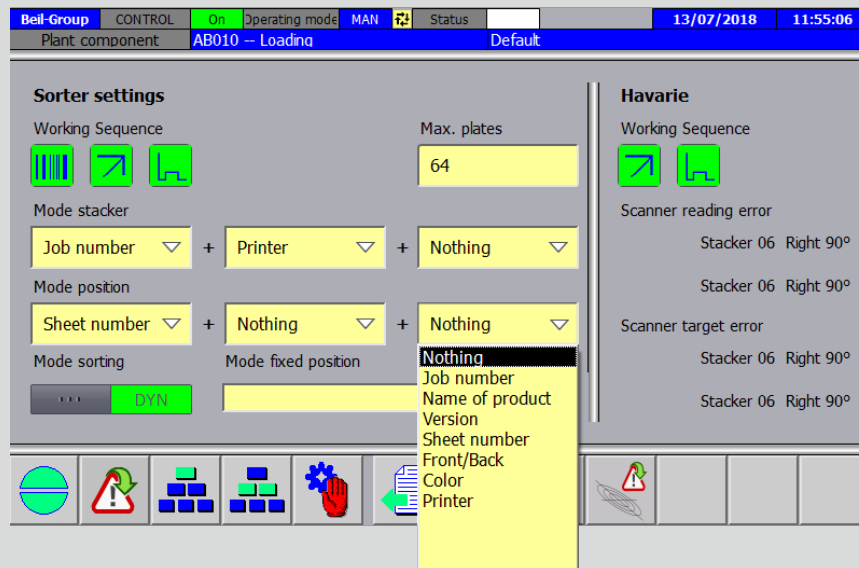


Sorting-Software - Barcode

Sorting criteria for a customized printing plate allocation

Sorting habits can change.

Accordingly, there is a recipe database that allows changing individual barcode elements for converting them into different sorting-modes.



DYN stands for "dynamic". In contrast to static sorting, this mode always chooses the next free stacker position.

That means for the example above:

1. The combination of Job-ID and press goes into one plate cart (Mode Stacker).
2. If the sheet number changes in the barcode, but the Job-ID and press remain the same, then this printing plate is stacked bilateral (Mode Position).
3. These elements can now be combined differently. The pre-installed criteria can be further adjusted (examples: grammage, customer, tour, etc.).
Pre-requisite is that the information is shown in your barcode.

Visualization:

- Overview of the complete system
- Visualization on any device in the network possible
- Database with searching and sorting function
- Traffic light for showing the status (automatic, malfunction, filling level)
- Display of Job-ID in the car
- Display of docked cars (via RFID marker)

