

2.7. Simple Job module

With the Simple Job module, the user can start and complete a job and a setup at one step.

2.7.1. Start Job

Field	Value	Shortcut
Default Work Center	wPD	F12
Operation	13-1 (oPPD - Painting and Drying - 512)	F11, F12
Work Center	wPD (5X Painter and Dryer Machine)	F11, F12

Buttons: Done (F1), Admin (F3), Clear (F4), Logout (Esc)

The default work center is the work center defined for the terminal on the PDC Terminal Configuration user table. To disable the default work center, set the 'Work Center Ignore' option to 'Yes' for the employee on the PDC Extended Configuration user table]]. When there is a default work center, bookings can be created only for operations with the feature assigned to the default work center.

Add the *DocEntry-LineNumber* identifier to the 'Operation' field.

If there is a default work center, the work center field will be populated automatically. The user cannot modify the work center if the default work center is mandatory. The default work center is mandatory in the following cases:

- The employee and/or the work center has no configurations set on the PDC Extended Configuration user table and the 'PDC Modifiable WC for Start' option is disabled on the Thin Client tab of Produmex Manufacturing settings.
- The 'Work Center Modification' option is disabled on the PDC Extended Configuration user table for the employee and/or work center.

Otherwise the work center is not mandatory and the user can select an alternative work center.

To erase the content of the modifiable fields, press the 'Clear' button.

To log out as the current employee, press the 'Logout' button.

To see the Admin screen, press the 'Admin' button. For more information about the Admin function please see: [2.2.9. Admin](#)

Press the 'Done' button to proceed.

The screenshot shows the 'Complete Job' screen in the Mobile PDC application. The header includes the Mobile PDC logo, the user 'John Doe', and the date '06/09/17 12:54 PM'. The main form contains the following fields:

Production Order	#512 mM1001 (Painted Bike Framework)	UoM	pcs
Operation	13-1 (oPPD - Painting and Drying)		
Started	12/22/16 03:50 PM		
Bin Location	01-SYSTEM-BIN-LI...	Setup	<input checked="" type="checkbox"/>
Duration	25 min	This Day	
Quantity	1	Rejected Quantity	0

At the bottom of the screen, there are two buttons: 'Done' (with F1 key) and 'Cancel' (with Esc key).

2.7.2. Complete Job

Scan the destination Bin Location or enter its code.

The default Bin Location is the Bin Location defined for the employee/work center on the PDC Extended Configuration user table. If there is no default bin location defined for the employee/work center on the PDC Extended Configuration user table, then the default bin location is the bin location defined for the work center.

To create setup bookings too, tick the 'Setup' box. The box is only active if there is setup time defined for the operation. Scan the destination Bin Location or enter its code.

Then enter the completed and rejected quantity. When the user enters the completed/rejected quantity, the duration is automatically calculated.

- If setup time is defined for the operation and the 'Setup' checkbox is checked, the duration is calculated as $\{(\text{Setup base quantity} + \text{Operation base quantity}) * (\text{Completed quantity} + \text{Rejected quantity})\}$.
- If there is no setup time defined for the operation and/or the 'Setup' checkbox is not checked, the duration is calculated as $\{\text{Operation base quantity} * (\text{Completed quantity} + \text{Rejected quantity})\}$.

After the Duration field is filled, the system also calculates the Start time as $\{\text{Current Date/Time} - \text{Duration}\}$.

If the 'Manual Job Duration' option is enabled on the PDC Extended Configuration user table, the user can enter the duration. When the user enters or modifies the duration, the system recalculates the Start time. Please note: The completed quantity will not be recalculated based on the duration.

If the 'Comment Visible' option is enabled on the PDC Extended Configuration user table, an additional Comment field is displayed on the screen.

Press the 'Done' button to proceed.

When there are materials linked to the operation with a milestone, receive the materials. Please see: [2.2.7.Materials](#)

When there is a by-product linked to the operation or the operation is the last one on the production order and there is a milestone set for the product, receive the (by-)products too. Please see: [2.2.6.Products](#)

Operation Details

Because the user does not start the job manually, the booked time cannot be measured. The system will automatically create the 'Start Setup', 'Completed Setup', 'Start Job' and 'Completed Job' bookings. The Posting Time of the Complete Job booking is the time when the PDC booking was created. The Posting Time of the 'Start Setup', 'Completed Setup', 'Start Job' bookings is calculated backwards.

Production Order Operation Details - [DocNum: 529, Line: 1]

Operation Code	oPPD		Operation Break	Allowed
Operation Name	Painting and Drying		Operation Time UoM	Minutes
Before Time	min	0.000	Is Parallel Operation	<input type="checkbox"/>
Safety Time	min	0.000	Is Overlapping Operation	<input type="checkbox"/>
Setup Time	min	5.000	Max Parallel Operations	0
Job Time	min	20.000	Overlapping Quantity	0.000
Teardown Time	min	5.000	Allocation Window	0.000
After Time	min	400.000	Min Job Quantity	0.000
Time Base	1.000		Message	
Planned Quantity	2.000		Is Pinned	<input type="checkbox"/>
Completed Quantity	1.000		Pinned Start Date	
Rejected Quantity	1.000		Pinned Start Time	00:00

Resource Requirements | Dates | Outsourcing | PDC Bookings | Documentation | Cost Amounts | Parameters

Time UoM	Minutes	Open Job	53.333
Booked Job	0.000	Open Setup	5.000
Booked Setup	0.000	Open Teardown	5.000
Booked Teardown	0.000	Planned Job	53.333
State	Created	Planned Setup	5.000
Booked Completed Quantity	0.000	Planned Teardown	5.000
Booked Rejected Quantity	0.000		

Posting Date	Posting Time	Posting Code	Compl. Qty.	Rej. Qty.	Mach. Duration	Pers. Duration	Emp. ID	Emp. Name	Reason ...
01/03/17	10:12	Start Setup	0.000	0.000	0.000	0.000	1	Doe, John	
01/03/17	10:17	Completed Setup	0.000	0.000	0.000	0.000	1	Doe, John	
01/03/17	10:17	Start Job	0.000	0.000	0.000	0.000	1	Doe, John	
01/03/17	10:57	Completed Job	1.000	1.000	40.000	40.000	1	Doe, John	

OK | Cancel | Allocations

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