

10. Time registration

With the help of the time registration module it is possible to book activity costs for activities performed during the production. (E.g. setup time, working hours, downtime).

10.1. Office

Add a time registration type item to the BoM or to the production order. For more information about time registration items see: [3.1.3. Produmex Production Tab](#).

Add a time registration type item or resource to the BoM or to the production order.

- For more information about time registration items, please see: [Produmex Production Tab of the Item Master Data](#)
- For more information about time registration resources, please see: [Resource Master Data](#)



10.2. Shopfloor

Since time registration type components are used for measuring time, there is no need to pick and move them to the production line. Therefore time registration components are not listed during the picking and moving flows.

Time registration can be used in both production flows, but it is only available on the touchscreen. It is not recommended to use the time registration during multiple step products executed with the production step list.

10.2.1. Initiate the time registration

Press the 'Clock' button on the toolbar to start registering time. In case of 'Production' flow, the button is active on the Production cockpit screen. In case of 'Production Receipt' flow, press the button before selecting the production order.



10.2.2. Select a time registration item

Select a time registration item from the list. Only time registration items/resources linked to the production order are listed.



10.2.3. Select a task

Press the 'Start' button to start a new time registration. To go back to the production cockpit, press the left arrow button.

Press the 'Stop' button to finish the time registration. The button is only available if there is a started time registration. For more information please see: [Select an operator](#)

Press the '# Hours' button to add the time manually. For more information please see: [Enter the hours manually](#)

Press the 'Downtime' button to register downtime. The button is only available if there is a started time registration. For more information please see: [Registering downtime](#)

Press the 'Overview' button to see the overview of the booked time registrations. For more information please see: [Overview](#)



10.2.4. Enter the hours manually

Press the '# Hours' button. The unit of measurement of the entered value will be the UoM of the time registration component. In this document we will assume that the UoM is "hours". On the next screen add the number of hours. The number of the hours is not limited.

After the number of hours has been entered, the system asks whether to register downtime or not. Press the 'Yes' button to register downtime. Press the 'No' button to proceed without registering downtime.



10.2.5. Registering downtime

Press the Downtime button. On the next screen select a downtime type from the list. Every downtime type set in the default forms are listed. For more information about the downtime types see: [3.2.3.13. Down time types](#)



After the downtime type has been selected, enter the number of hours.



The system will asks whether to register another downtime or not. Press 'Yes' to register another downtime. Proceed as described above. Press 'No' to proceed without registering another downtime.



10.2.6. Overview

Press the 'Overview' button. On the next screen it is possible to adjust the registered hours and the

linked operator(s) of a selected time registration. It is also possible to remove a time registration entry. Select the line and press the 'Delete' button.



10.2.7. Stop time registration

Press the 'Stop' button. After the stop button has been pressed, the timer stops. The time registry item will be issued with the measured time.

10.2.8. Select an operator

After the time registration has been stopped or the number of hours has been entered, the system asks for the operator. Select the operator(s) from the list then proceed with the right arrow button. Employees set in SAP B1 can be selected as operators. It is possible to select multiple operators for one time registration entry.



10.2.9. Issuing the time registration items

After the production is finished, time registration components are booked with the reported quantities on a separate Issue for Production document.

The measured quantity is also booked as consumed capacity for the resource on the given day. It is possible to exceed the daily implementation capacity.

Please note: The production order cannot be closed if there is no sufficient stock for the time registration item.

The time registration results are stored in the PMX_TRHE table.

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