

The Corrugator Monitor

◆ **Function of the Program**

The PC-Topp.NET Corrugator Monitor provides an overview of a corrugator's actual production and the production targets during the current shift. It compares the current production figures (production time, currently produced area) with the target values and displays the corrugator's efficiency in %.

For this purpose, the Corrugator Monitor uses the data shown in the plant overview ("My PC-Topp").

◆ **Login**

To start the Corrugator Monitor please go to the ADMINISTRATION page and log in as a Corrugator Monitor user (menu item "Terminal Type"). If there are several corrugators on the plant, please select first the corrugator you want to get information about.

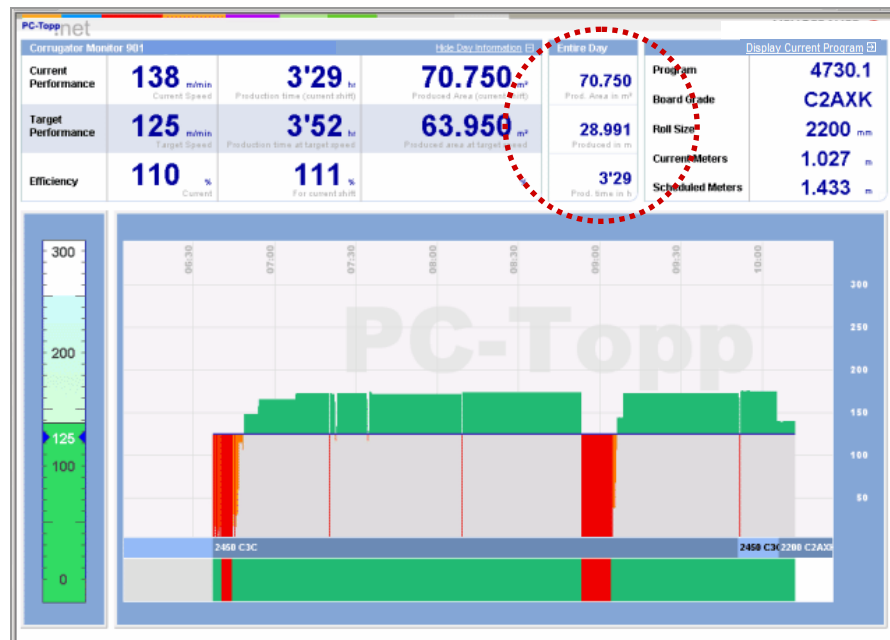


Fig. 1: The Corrugator Monitor Screen

The screen above also shows the *entire day figures* (see red circle) coming from the statistics and the current run. They refer to all preceding shifts up to the present moment.

- Area produced (in m²)
- Lineal meters produced (in m)
- Production time (in h)

This display can be configured at "Configuration", "Display production figures for the entire day" (see Fig. 3).

Corrugator Monitor Information

◆ Current Data

The current program data contains program number, board grade and roll size as well as the produced and scheduled lineal meters (see column on the right). It comes from the Corrugator Control program or from the Corrugator Terminal (counter connection required). This depends on what has been specified in the installation parameters (corrugator).

Production time and produced area (*here: 3'29; 70.750*) are come from statistics and the current program.

The target speed (*here: 125 m / min*) is the speed specified on the SETTINGS page (grade and corrugator parameters).

Production Targets

3 "theoretical" values are displayed in the 3rd column:

1. Production time at target speed
2. Produced surface at target speed
3. Efficiency that could have been reached (in %)

1. Production time at target speed: For all combinations the actual time is computed from the target speed and the produced run meters.

Example Fig.1: *How long would it have taken to produce 63.950 m²?*

2. Produced area at target speed: How many m² could have been produced more (or less) in the actual time?

Example Fig.1: $3'29h / 3'52h = \text{factor } X$;
 $70.750 \text{ m}^2 \text{ multiplied by factor } X = 63.675 \text{ m}^2$

3. Efficiency

Displayed in **BLUE**: Additional production at target speed.

Displayed in **RED**: Less production at target speed.

Downtimes

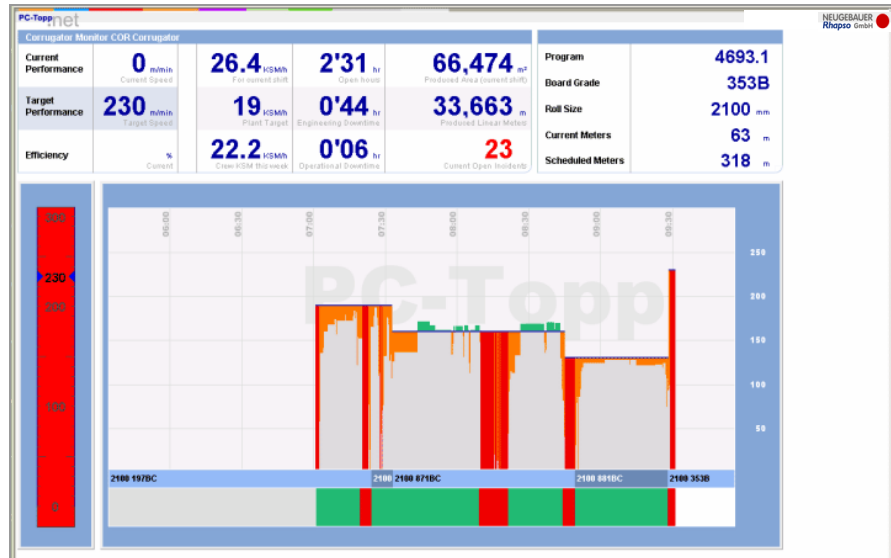


Fig. 2

Figure 3 shows a downtime (see red bar on the left), i.e. the current performance = 0 (on the top left of the screen).

Configuration

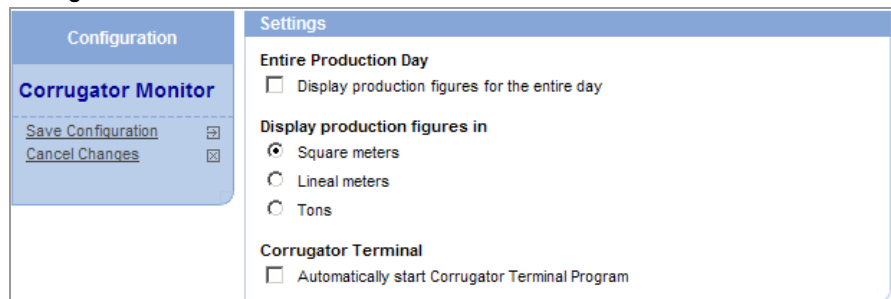


Fig. 3

Here you can see (and modify) the different parameters that can be chosen when configuring the Corrugator Monitor.

Display of the Corrugator Schedule

By clicking on the link on top right of the Corrugator monitor screen, you can switch between the display of the current program (default) and the display of the corrugator schedule (see Fig. 4). So, you are informed about the programs and changes (paper etc.) to come.

Program	Board Grade	Width	Schedule...
4996.2	B 010B	2210	2448
4996.3	B 010B	2210	2374
4996.4	B 010B	2210	1021
4997.1	B 010	2210	471
4997.2	B 010	2210	5388
4997.3	B 010	2210	1363
4997.4	B 010	2210	3612
4997.5	B 010	2210	561

Fig. 4

◆ Personalized Screens

The Corrugator Monitor screen can also contain personalized fields: On the following screen fields like "Engineering Downtimes" (0,00) and "Operating Downtimes" (0,30) are used. The red figure shows the number of open incidents.

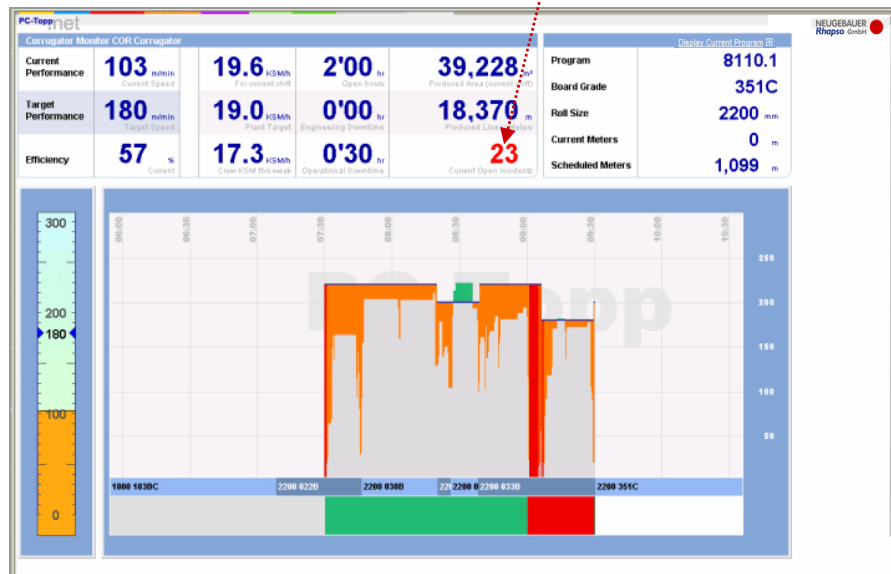


Fig. 5

Corrugator Monitor Display

The Corrugator Monitor can also run on full HD monitors (rotate display). Yellow characters on a blue screen guarantee visibility from long distances, too.



Fig. 6