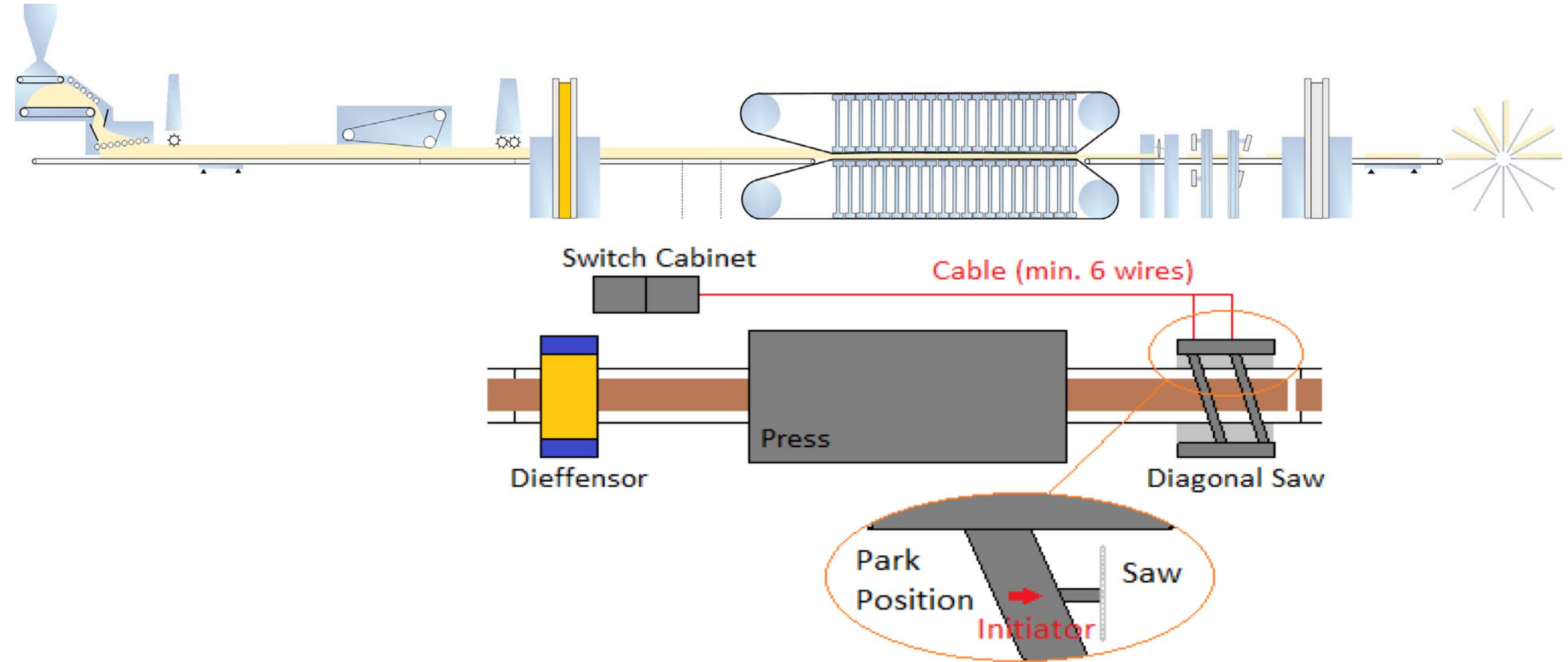


# Form the Perfect Panel ...

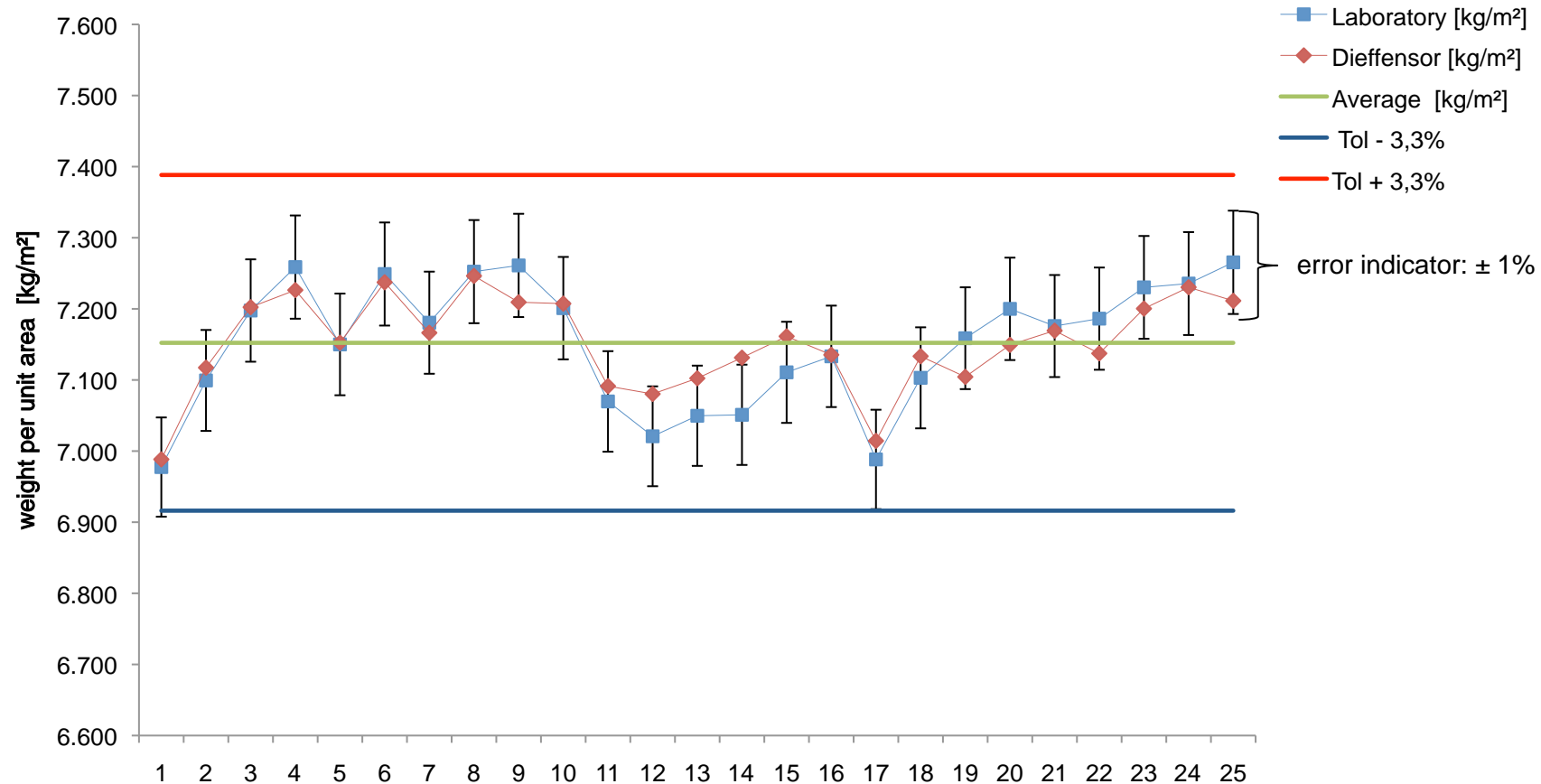
# ... with the GreCon FORMATOR



# Backtracked TestCut



Comparison lateral deviation of weight per unit area 'Lab-Dieffensor', 07.04.2016,  
7,4mm HDF, Sample no.6=13:00Uhr



25 samples 100mm x 300mm, from 1=left to 25=right in direction of production

Quality criteria  $\frac{n}{\sqrt{d}}$

What does it mean?

## Forming accuracy



Variations of board weights in cross direction to production flow  
95% of all samples must be within the allowed Tolerance

$$R_{95} = \pm \frac{n}{\sqrt{d}} \% \quad \Rightarrow \text{allowed Tolerance}$$

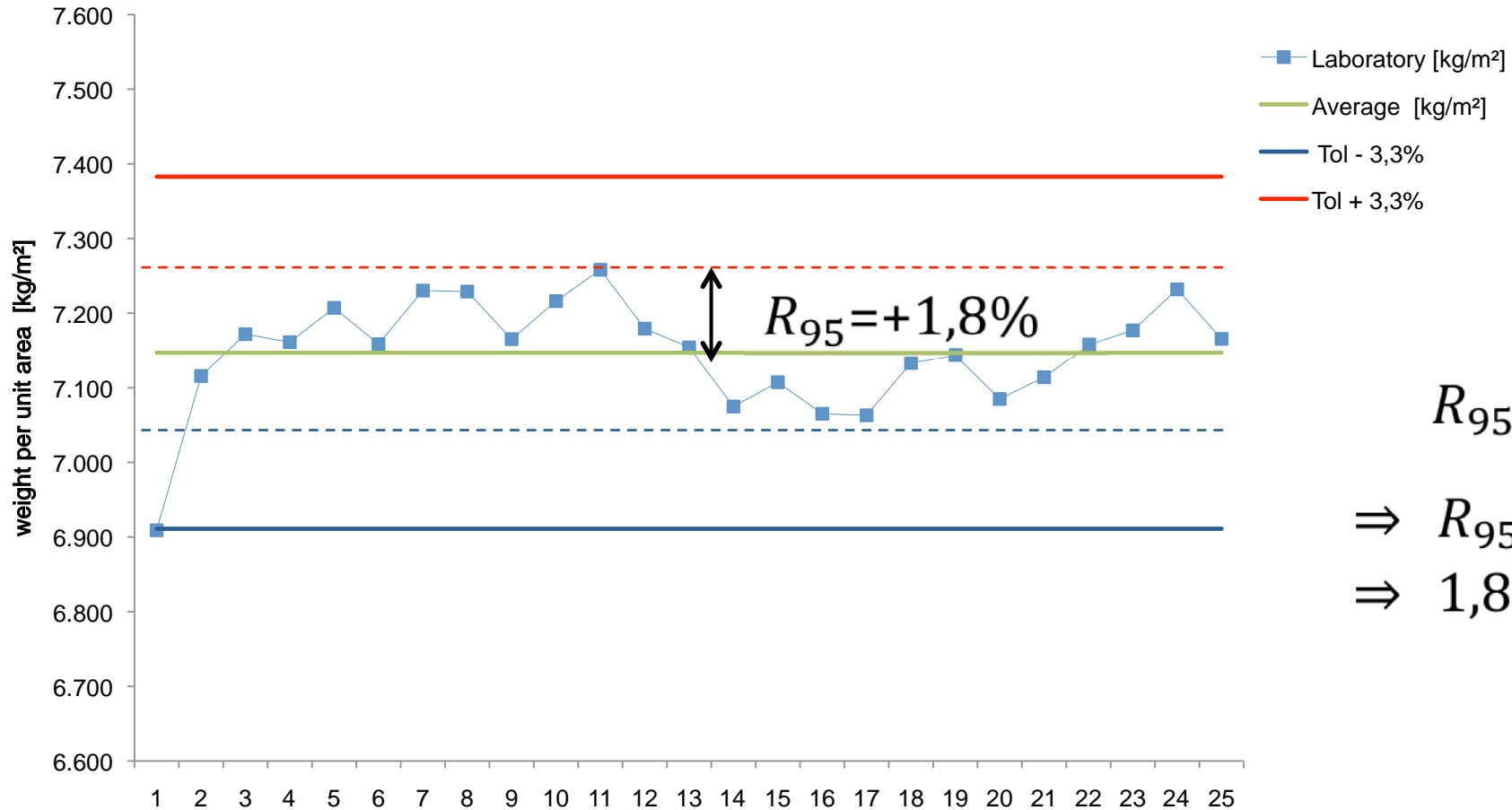
e.g.  $n=10$   $\Rightarrow$  allowed Tolerance for 9mm board

$$R_{95} = \pm \frac{10}{\sqrt{9}} \% = \pm 3,33\%$$

# Forming accuracy



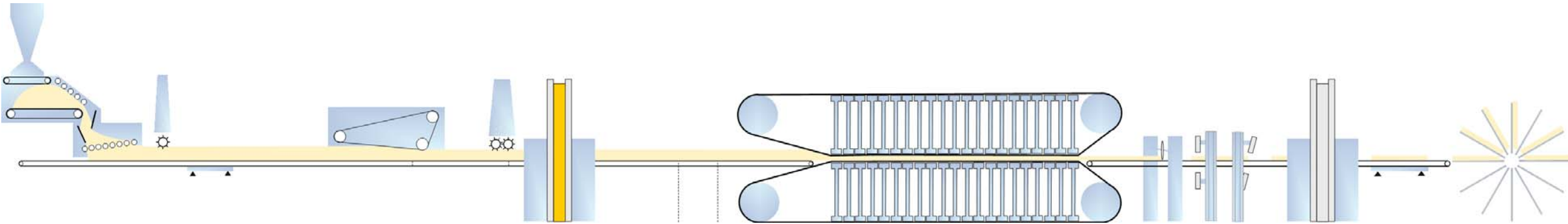
cross distribution 100mm by 100mm



25 samples 100 x 100mm, from 1=left to 25=right in direction of production

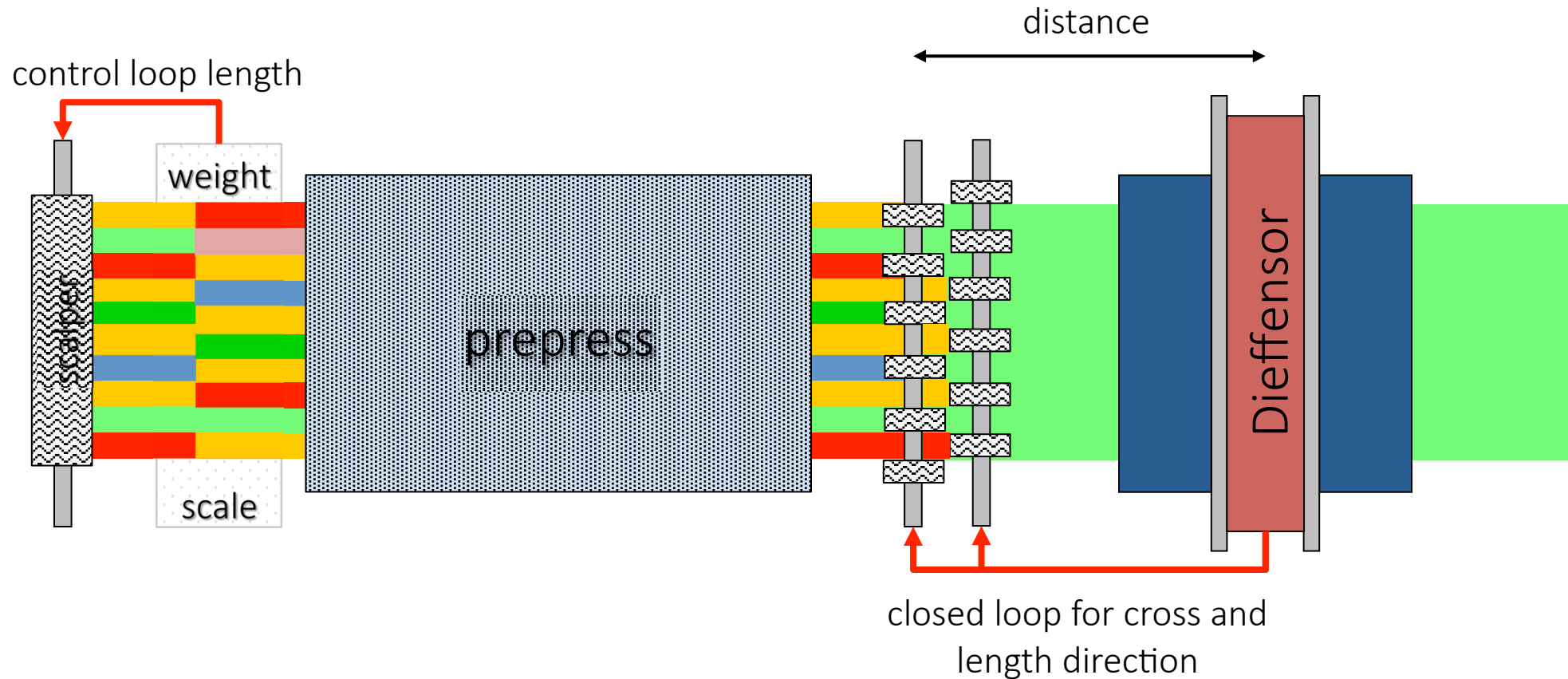
$$R_{95} = \pm \frac{n}{\sqrt{d}}$$
$$\Rightarrow R_{95} * \sqrt{d} = n$$
$$\Rightarrow 1,8 * 3 = 5,4$$

# FORMATOR in MDF Forming Line



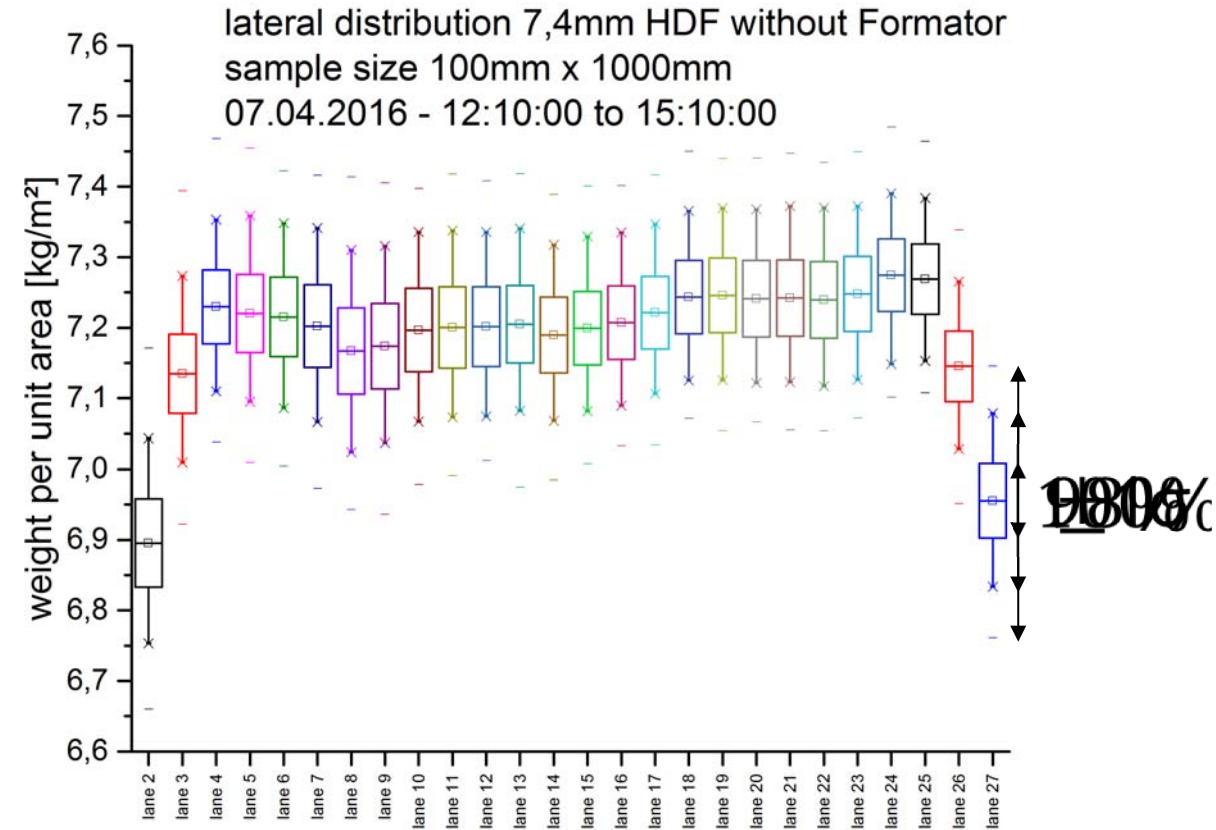
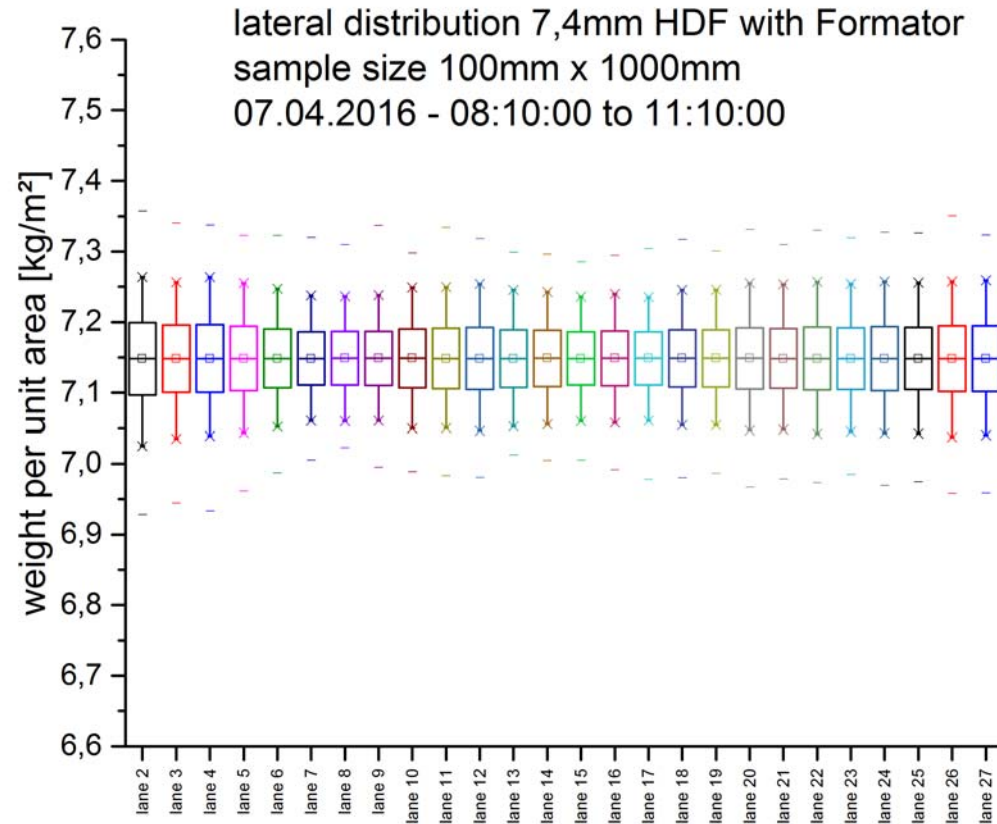


# FORMATOR in MDF Forming Line

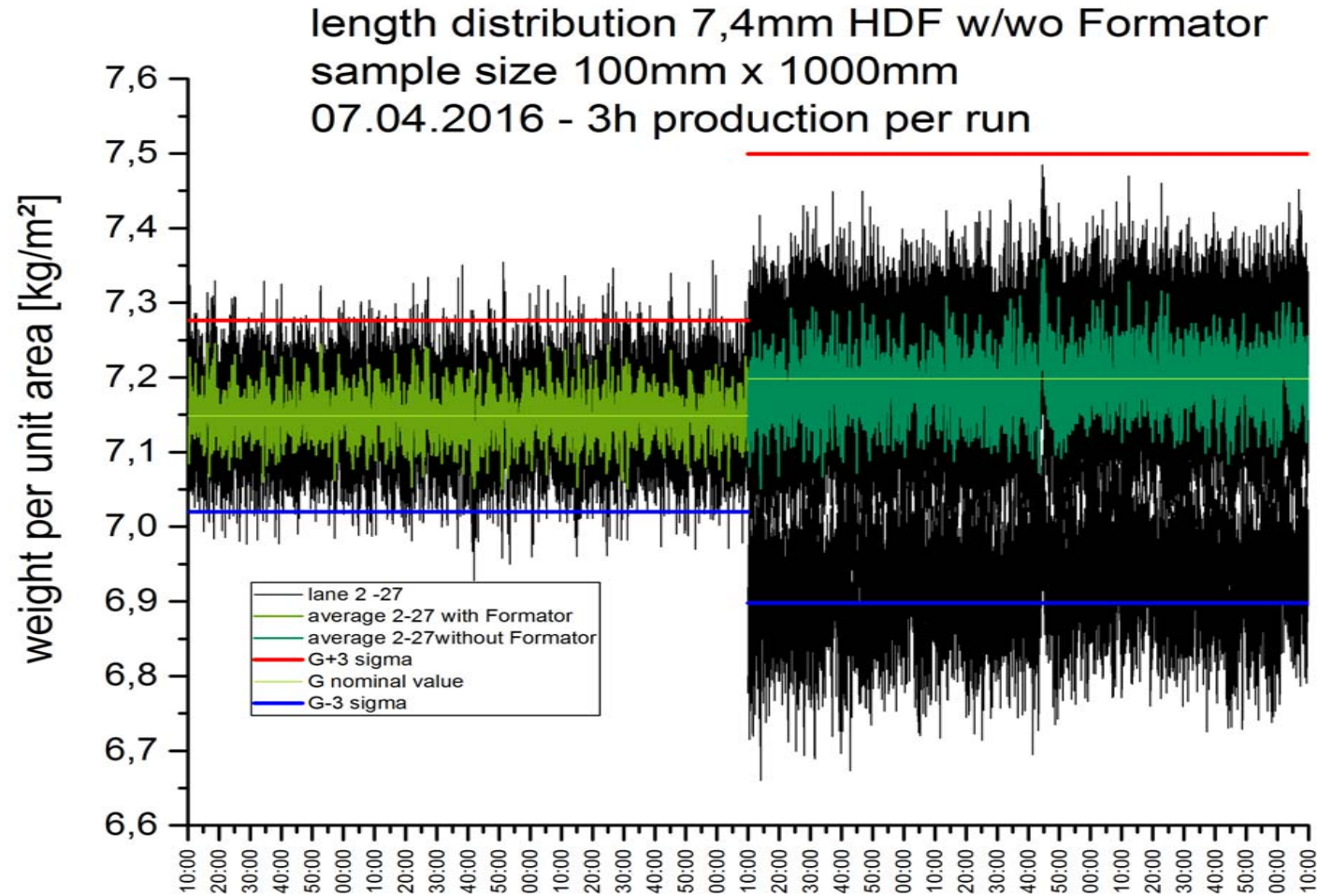




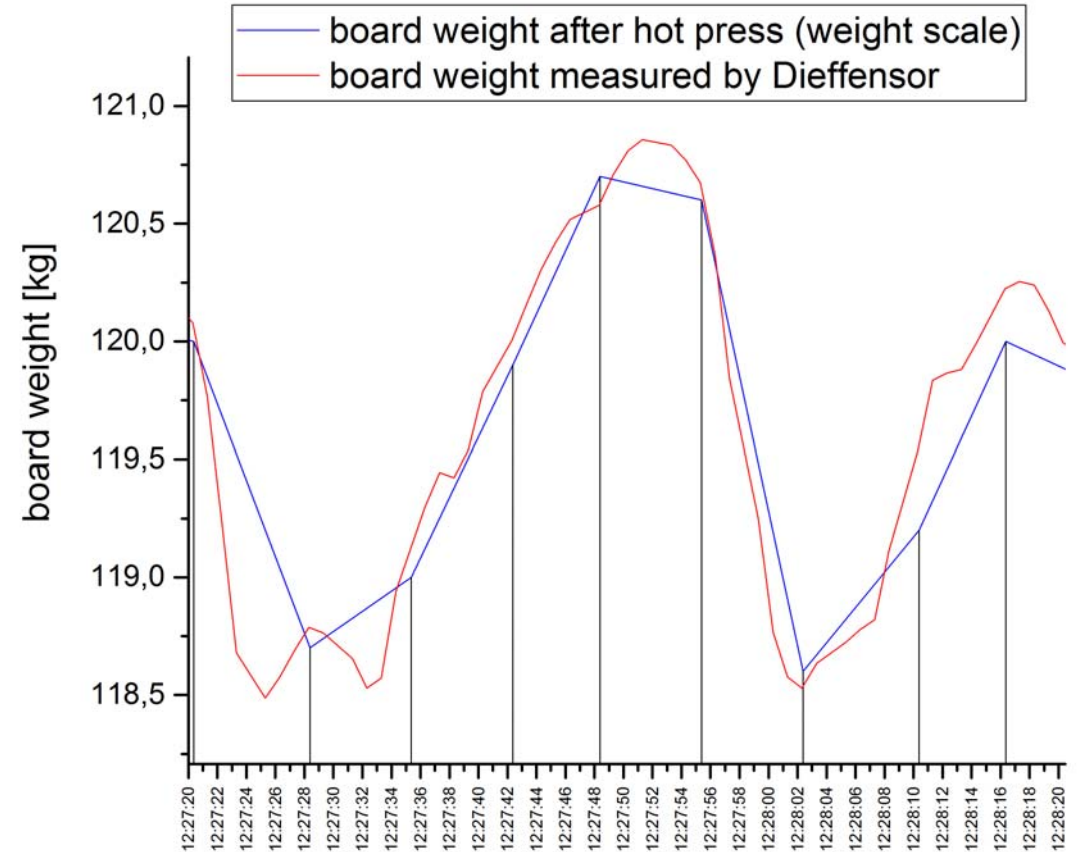
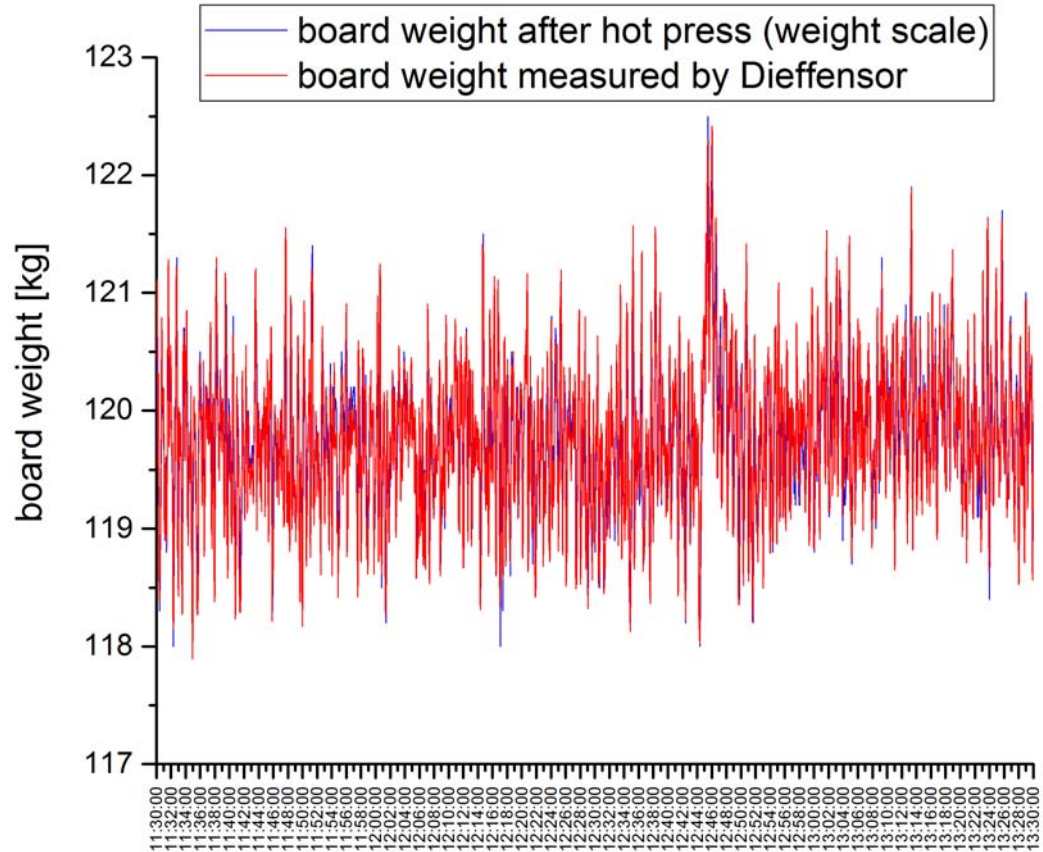
# Results in MDF Forming



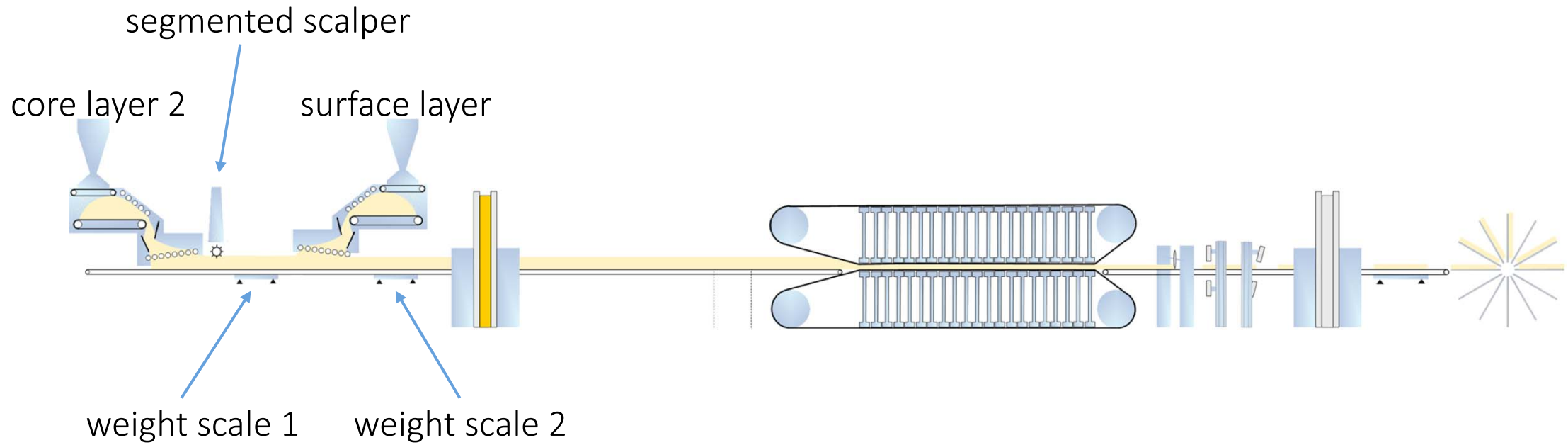
# Results in MDF Forming



# Results in MDF Forming



# FORMATOR in OSB line





# FORMATOR in OSB line





# FORMATOR in OSB line

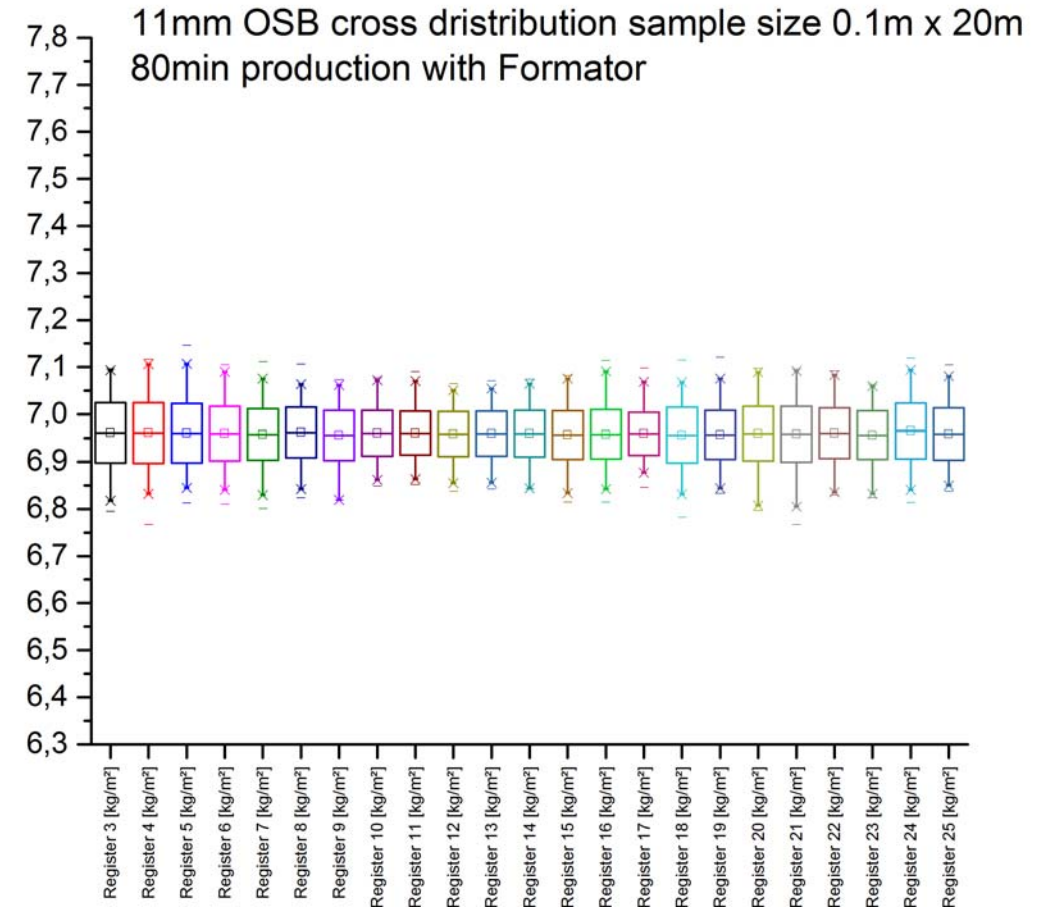
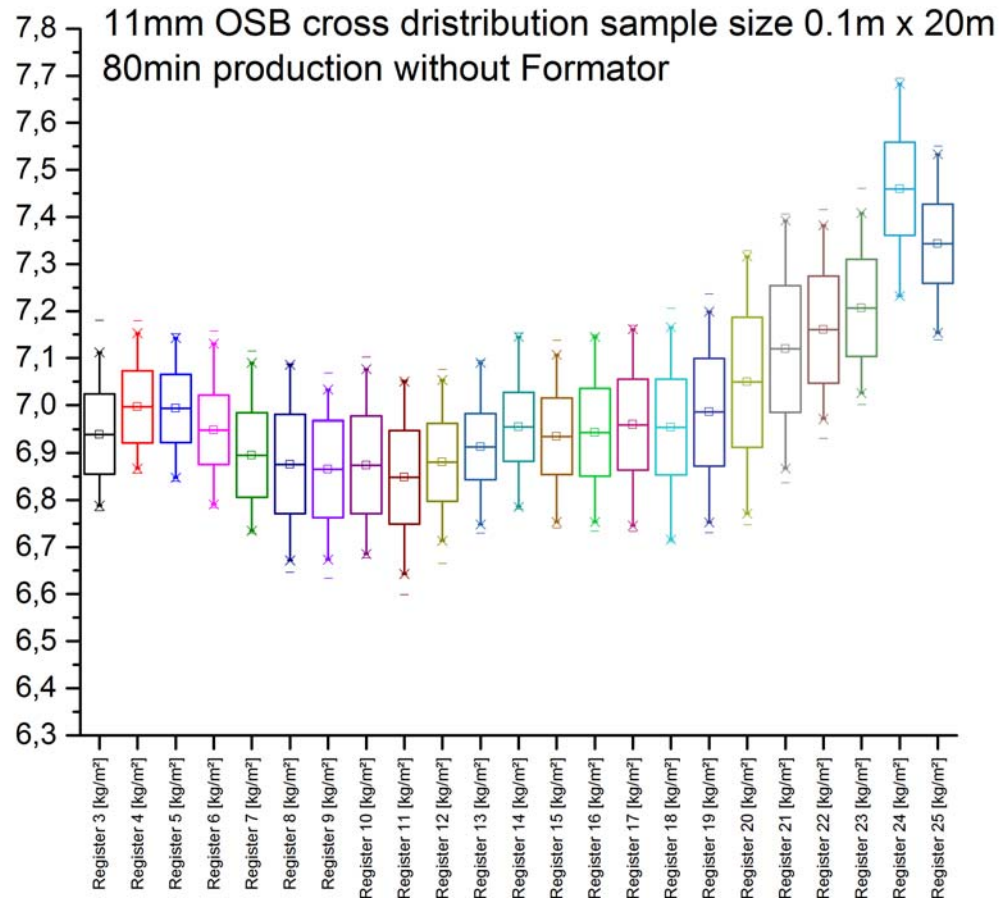


# Formator in OSB line

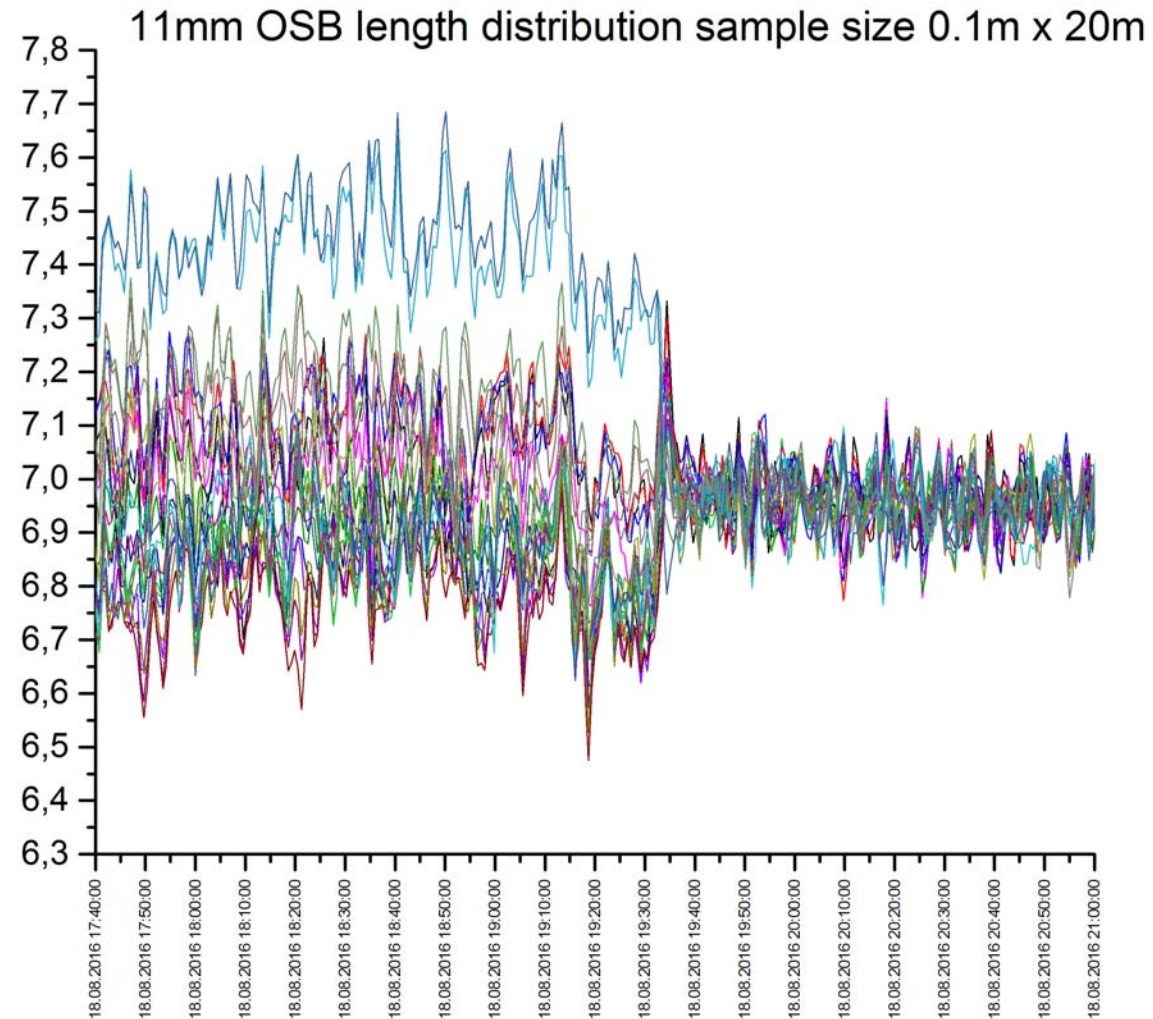




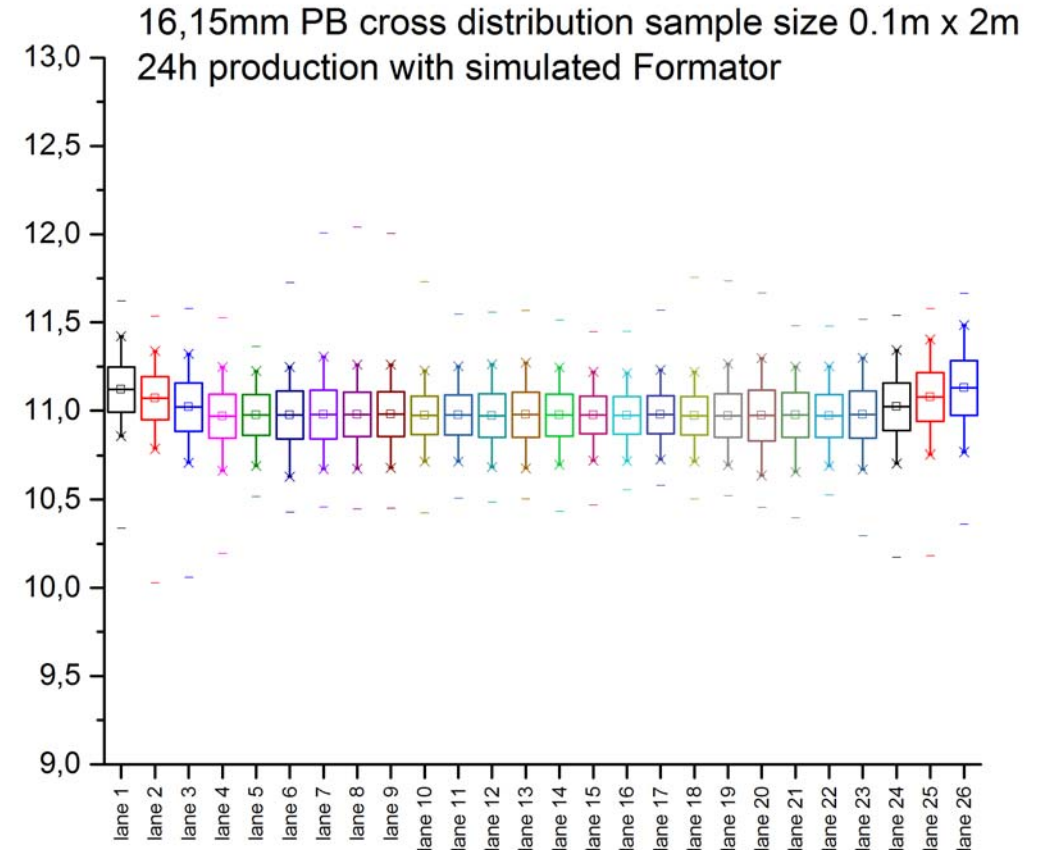
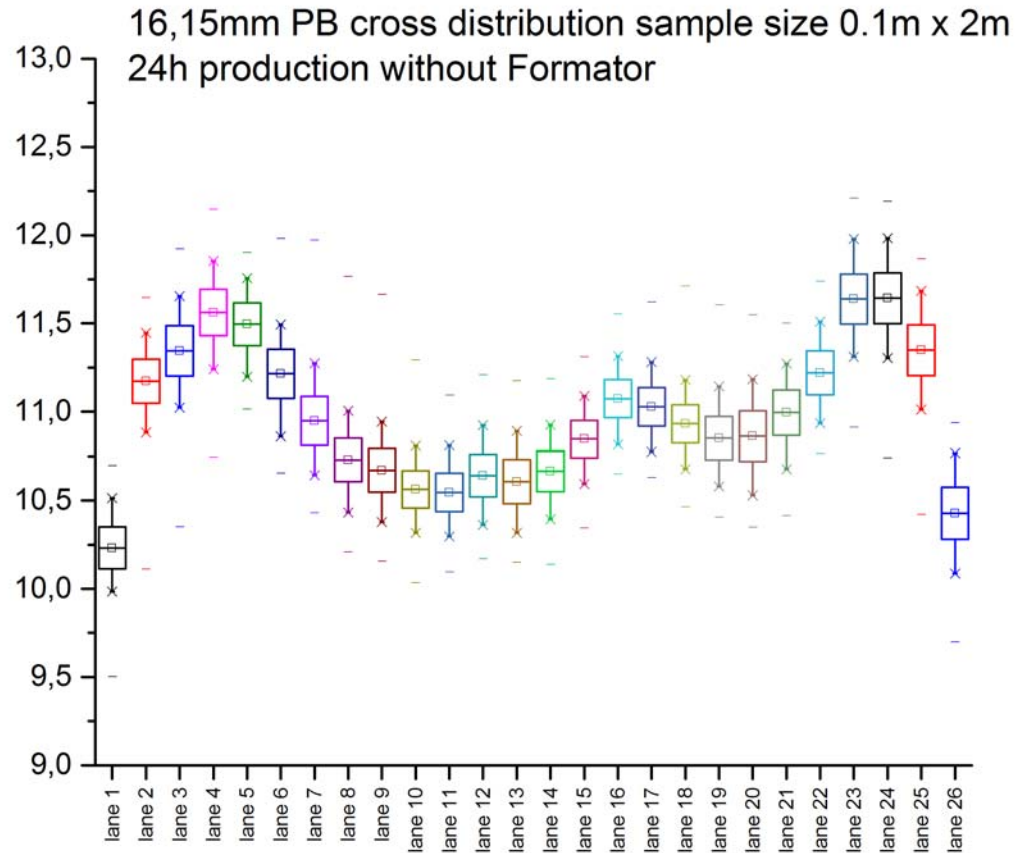
# FORMATOR in OSB Results



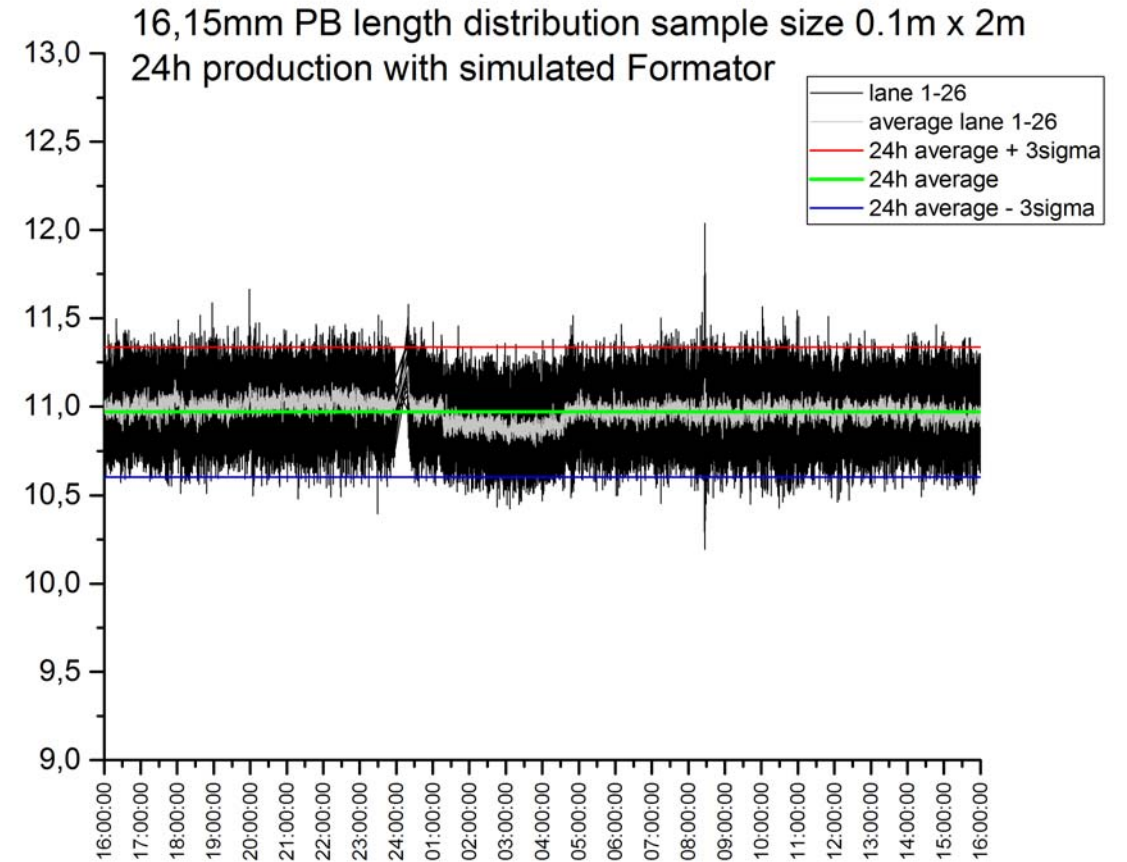
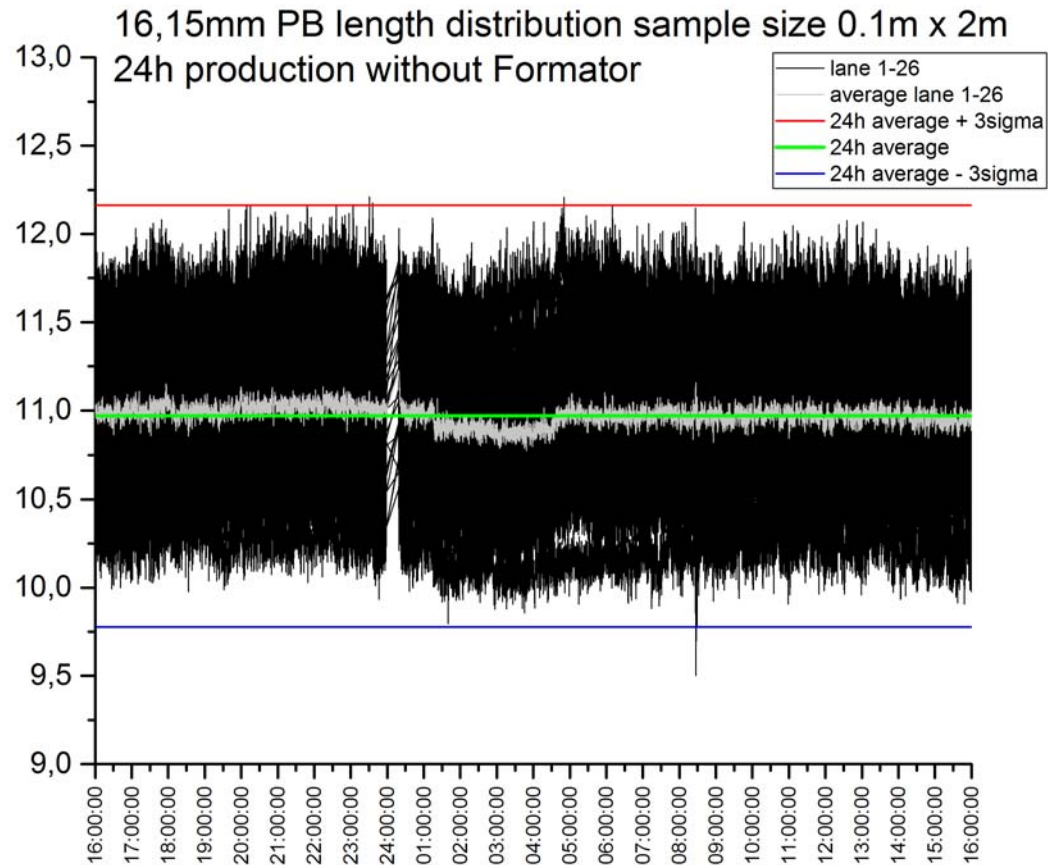
# FORMATOR in OSB Results



# FORMATOR in Particle Board – an outlook



# FORMATOR in Particle Board – an outlook





# Innovation is our Tradition! – Since 1911

