

THE NEW TM UMEC

WHY CUSTOMERS CHOOSE BES BOLLMANN'S TM UMEC

- A reliable machine for both short-cycle use and full continuous use
- A certainty in a fully automatic production process
- TM UMEC has a measuring system with tested measuring accuracy.
- Touch screen control and remote control possible. For example via your mobile phone.
- Possibility to record all data directly in the company network.



BES Bollmann is the founder of the modern, digital, wood moisture method. The TM UMEC is a good example of this. Over the years, the TM UMEC has performed excellently. However, in this new era in which we are going to work more and more efficiently with timber, this machine is given a second life. However, it has to be faster and it has to be smarter.

This new version of the BES Bollmann TM UMEC does all that and by connecting several measuring heads in series we can perform enormous amounts of accurate measurements. Our system can be used in any automated sawn timber production process. It goes without saying that the TM UMEC is able to communicate with the production line or with the local network.

Be on the safe side and measure the moisture content in your wood using the pneumatic measuring station, you can install 1 or more measuring heads including the associated measuring amplifier.

Technical specifications

Execution	SPS TM UMEC
Measuring range	6 - 25% wood moisture
Temperature reference	20 °C
Accuracy moisture content	max. +/- 1,0% wood
Operation	Touchscreen 7" of 10"
Average measurement rate	20 – 30 per minute (1 measuring head) max. 50 per minute
Output signals	- good, too wet, too dry, measuring head, alarm, Measurement Terminated.
Mains voltage	230 V +/- 10%, 50 Hz
Ambient temperature	+10 - +35 °C

A certainty in a fully automatic production process



Device for holding and pneumatically operating the measuring head

Attachment unit with attached compressed air and pneumatic valve. The holder for the measuring head, height adjustment, shelf scraper and monitoring limit switch are also attached to the attachment unit. The extension unit is suitable for both longitudinal and cross passage.

- Cylinder stroke 100 mm
- Painted aluminum
- Compressed air connection 3 – 7 bar

The supplier of the sawing line integrates the measuring head holder and the control (compressed air, power connection 220V/50Hz, limit switch) into his system.



Certified by Holzforschung Austria, the TM UMEC meets the standards and requirements for the wood types Douglas fir/pine/larch.

EN 14080: 2013, Annex G
EN 16351: 2015, Annex G
EN 15497: 2014, Annex D



EFFICIENT DRYING TECHNOLOGY

Plesmanweg 27
NL-7602 PD Almelo
The Netherlands

T +31 (0)546 876530
E info@bes-bollmann.com
W www.bes-bollmann.com



View all
leaflets online