



For worldwide contacts of the WEKO Group see [www.weko.net](http://www.weko.net)

## Chipboards Require Parting And Smoothing Agents.



Weitmann & Konrad GmbH & Co. KG  
Friedrich-List-Straße 20-24  
D-70771 Leinfelden-Echterdingen  
Tel. +49 (0) 7 11-7 98 80  
Fax +49 (0) 7 11-7 98 81 14  
E-mail: [info@weko.net](mailto:info@weko.net)

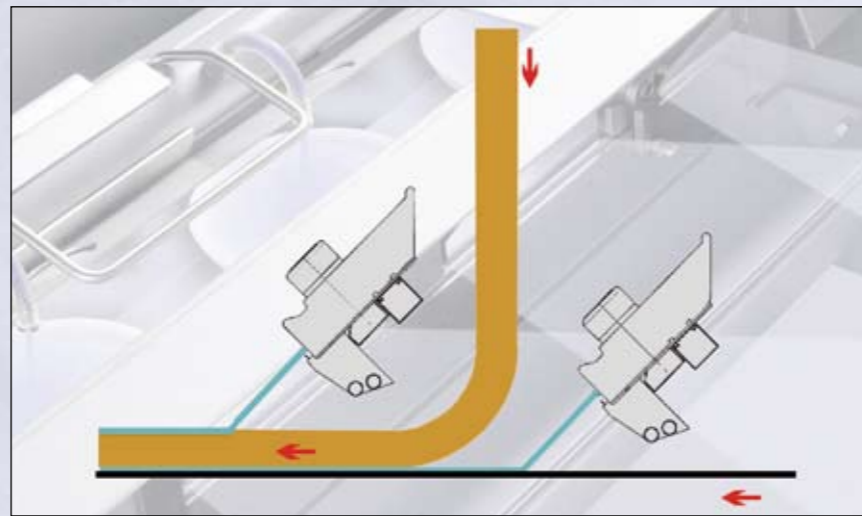
056\_269 [www.zetfb.de](http://www.zetfb.de)

## WEKO-RFH Rotor Moistening For Uniform Liquid Application.

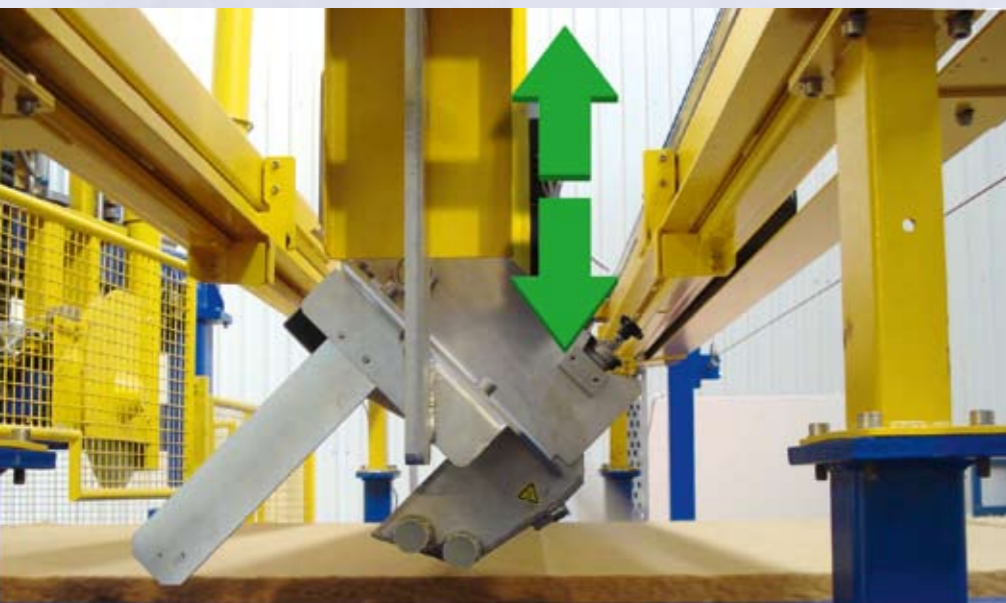
# Chip Cakes And Forming Elements Are Sprayed Seamlessly And Absolutely Uniformly.

## The Efficient Principle Of Rotor Technology.

WEKO's RFH moistening system has proven to be beneficial in more than 200 companies of the MDF, OSB and plywood industries, which employ this highly efficient rotor technology. This equipment generates micro droplets that are sprayed without direct contact and are exactly dosable across the entire width of the fibre or chip cake as well as the forming belts. The quantity applied is automatically adjusted to the selected machine speed, which ensures continuous, reproducible and uniform application.



Each rotor carrier sprays the transport belt and fibre cake.



To keep the spray pattern constant, even with the varying height of the fibre or chip cake, the spray distance can be manually or automatically adjusted.



A spray width adjustment that is made exact, to the millimetre, keeps the environment clean.

# WEKO-RFH Increases Your Productivity And Reduces Production Costs.

## The Benefits Of A Tough Technology.

### Long intervals between maintenance work

The intervals between maintenance can be considerably lengthened thanks to an automated supply and return flow filter system as well as an integrated cleaning programme. Automatically switching double filters enable the system to be cleaned without production interruption and can be operated around the clock.

### Resource-saving liquid management

An individually adjustable spray width and an exactly definable application quantity allow for an economical consumption of the liquids used. Non-sprayed liquid is cleaned through a return filter and returned into the storage tank.

### Smooth integration into the existing forming lines

Thanks to the flexible height and width adjustment of the WEKO-RFH it is also possible to retrofit existing systems. The system controller captures the machine speed by a digital speedometer or from a machine signal in order to ensure the optimal spray quantity automatically.



Rotor carriers are for spraying across the fibre cake in front of the calender roller

## Many Benefits For A Single Goal – Efficiency.

### Reducing the pressing time

Thanks to the precise liquid application achieved, the generated thermal energy in the press in the form of steam shortens the hardening process by up to 15%.

### Reducing grinding overmeasures

Apart from a shortened heat transfer to the middle of the board, during the steam shock, increased moisture also results in increased melting and thereby the compaction of surfaces. Thus, the surfaces are smoother and the grinding overmeasures can then be reduced.

### Reducing varnish consumption

Better surface quality allows for a lower consumption of varnish.

### Increasing flexural and delamination strength

Better raw density also considerably improves the mechanical characteristics of wood-based boards.

### Increased quality and productivity

Adding parting and smoothing agents prevents sticking to the forming and pressing elements and thereby distinctively improves the production flow and respective product quality.