



Eltex is in permanent and close contact with users. The open exchange of information results in custom-made and specific solutions. Joint problem analyses, outline and detail planning, state-of-the-art manufacturing and integration into existing equipment, start-up, maintenance and service accompany each of our projects. Thus, for over 25 years we have provided innovative, client-oriented solutions in the field of electrostatic remoistening.

Are you interested in the Eltex systems or in any other Eltex electrostatic innovation? We will be happy to inform you about using Eltex technology in your application and about our range of services. Please contact us.

eltex electrostatic innovations

www.eltex.com



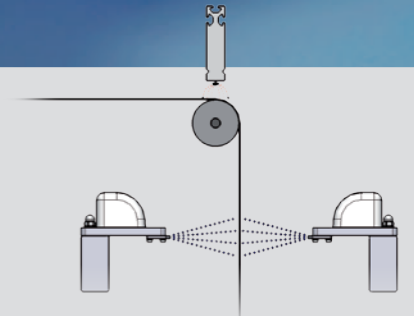
eltex electrostatic innovations

[▶](#) Remoistening in Digital Printing
DIGIMOISTER 1500

DIGIMOISTER

Technology

The paper web is charged via a charging bar – prior to remoistening. Atomizing nozzles arranged in opposition spray water droplets which are aligned by the electric field and accelerated into the web.



The DIGIMOISTER 1500 increases quality and productivity throughout the entire process chain



waviness
(without remoistening)



perfect flatness
(with DIGIMOISTER 1500)

The Eltex electrostatic remoistening system precisely controls the water content in the paper and thus improves the quality and productivity throughout the entire process chain. The contactless system DIGIMOISTER 1500 with patented pre-charging and patented two-component nozzle technology can be installed in any new or existing digital high speed press.

The economical advantages are to be found in the improved running properties of the remoistened paper. Outstanding printability and higher speeds in the printing press as well as in the subsequent processes mean more efficient finishing.



Advantages

- > highly precise remoistening results at maximum production speeds
- > perfect flatness of printed books and signatures
- > elimination of electrostatic charges in the process
- > dimension stability (no growth)
- > no broken fibers in the paper

Operation

- > intuitive operation via a user friendly touch screen remote control
- > easy set-up of web width and water amount
- > lowest maintenance cost

In digital high speed printing paper loses moisture during drying. The moisture loss leads to considerable quality and efficiency problems.



DIGIMOISTER 1500
on HP digital printing press

