



THE HEART OF EVERY SPRAY SYSTEM

VIB precise control cabinet

ANDRITZ

VIB Precise Control Cabinet

VIB PCC

ANDRITZ offers innovative VIB spray systems to improve moisture profile – from fine papers to board – in order to meet the highest quality requirements for your production operations.

The heart of a spray system is the individual water volume control of each individual nozzle; in the various sections, this control unit contains all the control components. For brown paper grades (packaging papers) in particular, ANDRITZ has developed a new 8-fold electromechanical control unit – the VIB PCC valve cabinet. This valve cabinet impresses with its compact, modern design and ensures the best possible spraying quality of the nozzles.

COMPACT DESIGN

The convincing feature of the 8-fold valve block is its progressive design, which can accommodate up to 128 zones per VIB PCC valve cabinet combination. Servicing and replacement of the individual dosing valves in the 8-fold valve block is simple and uncomplicated. Several PCC valve cabinets can be strung together in order to obtain a higher number of control zones. All installation and maintenance tasks can be performed through the front access.

INDIVIDUAL CONTROL SYSTEM

In its water section, the VIB PCC valve cabinet offers electronic measurement of spray water pressure, atomization air pressure and measurement of the flow in individual spray zones as well as all the necessary interlocks and controllers. An internal PLC triggers the individual spraying quantities. The interfaces offer a means of independent cross-profile moisture control for all standard measuring and process control systems or in combination with the ANDRITZ process control package.

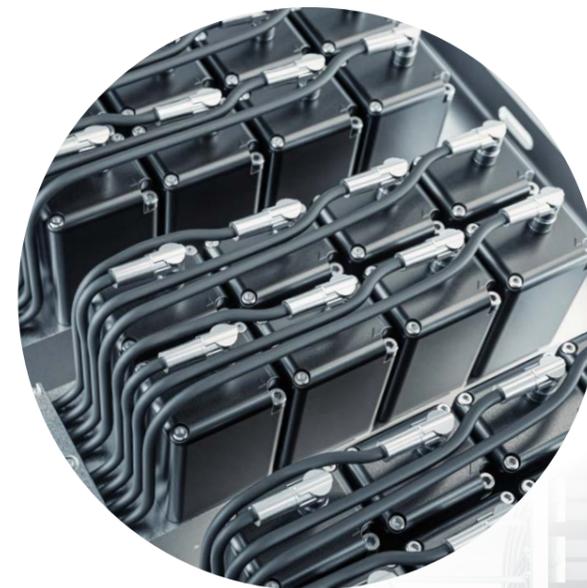
INFINITELY VARIABLE

The water volume per control zone is more or less infinitely variable and can be set either manually or via the cross-profile moisture control. Here, the adjustable water volume lies between 0 and 40 l/h per valve. The compact, new valves (linear stepper valves) are more maintenance-friendly than valves in comparable applications. Extensive test facilities, such as an integrated individual flow measuring device, can be used to check the individual valves.

BENEFITS

- Compact design
- Infinitely variable water volume
- Self-diagnosis per control unit
- Less service effort

VIB spray nozzle



VIB Precise Control Cabinet – VIB PCC





EUROPE

ANDRITZ Fiedler GmbH
Alzenau, Germany
p: +49 941 6401 210

NORTH AMERICA

ANDRITZ Inc.
Springfield, MA, USA
p: +1 413 750 4600

CHINA

ANDRITZ (China) Ltd.
Foshan, Guangdong, China
p: +86 757 8296 9222

ANDRITZ.COM/VIBSYSTEMS

vib-systems@andritz.com



All data, information, statements, photographs and graphic illustrations in this brochure are without any obligation and raise no liabilities to or form part of any sales contracts of ANDRITZ AG or any affiliates for equipment and/or systems referred to herein. © ANDRITZ Group 2026. All rights reserved. No part of this copyrighted work may be reproduced, modified or distributed in any form or by any means, or stored in any database or retrieval system, without the prior written permission of ANDRITZ AG or its affiliates. Any such unauthorized use for any purpose is a violation of the relevant copyright laws. Due to legal requirements, we must inform you that ANDRITZ AG processes your data for the purposes informing you about the ANDRITZ Group and its activities. Find out more details about our data privacy declaration and your rights under the data protection legislation on our website: andritz.com/privacy. ANDRITZ AG, Stattegger Strasse 18, 8045 Graz, Austria. VIBPCC_01.2026

