ap systems

COLOUR IN PRECISION

SWISS QUALITY AND
PRECISION ARE A
PROMISE — WE ARE
THE GUARANTEE.

HIGHEST DEMANDS ON YOUR PRINTING

If you believe that precision and efficiency in printing is the way into the future, we have the solution for you. If you believe that technology and development will determine this future, we will provide you with our experience.

Top performance and competitiveness are our concerns. Through high-precision ink duct systems for printing machines, we create the advantages that will bring you further. Our precision and our technology are unique – and this gives you the advantage that will make a success of your company and your products. The added value belongs to you. Simple processes, falling costs and an increase in quality in the demanding areas of letterpress and offset printing are the result of many years of experience.

AP Systems is the optimal partner for the development, manufacture and installation of state-of-the-art ink duct systems for printing machines. The flawless ink flow increases the printing quality, simplifies the processes, saves time and reduces costs. Our solutions are used worldwide for the optimisation of ink ducting in sheet and web printing, for example for labels, packaging or special printing stock, such as synthetics, tin or CDs. The precision technology is used in security and safety printing, and provides a convincing result, even with difficult inks and varnish.

Our patented solutions are practical, and are suitable for both new printing machines and for the retrofitting and modernisation of letterpress and offset printing machines of all manufacturers.

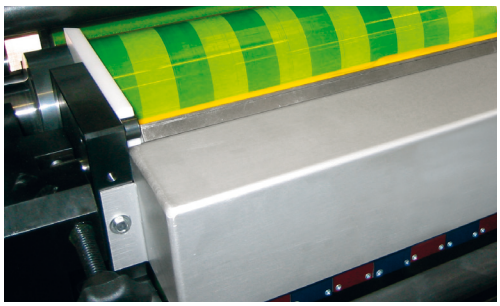
The patented ink duct systems with the segmented blades and removable lateral blocks have been the epitome of precision and reliability for many years now. Print shops and manufacturers worldwide rely on our technology. Existing and new printing machines for letterpress and offset are optimised with our ink duct systems. Cost are minimised while quality is increased. Reliability, long service life and technological innovation are the characteristics of our products.

SOLUTIONS FOR PERFECTLY DUCTED INKS

Precise and efficient ink ducting is the goal of our development and production. Your requirements and your available machinery are the measures on which we base our solutions and services. The accuracy of our ink duct system is unique and has been unmatched up to now. All the products of AP Systems are designed to be practical, and are offered as both standard systems and customised solutions. As the mechanical part of the system has a modular construction, special solutions can be realised quickly and cost-effectively. The complete range of products is available for many different machines and is ideally suited for the retrofitting of older machines.

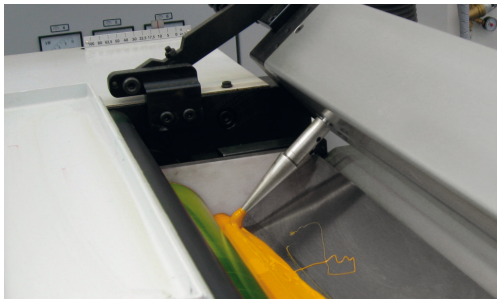
Lever ink duct system

The progressively-operating lever cartridges permit optimal adjustability, and even the smallest ink flows can be precisely and quickly defined. Zone widths of 20.5 mm are standard, with widths from 16 mm being feasible for special applications.



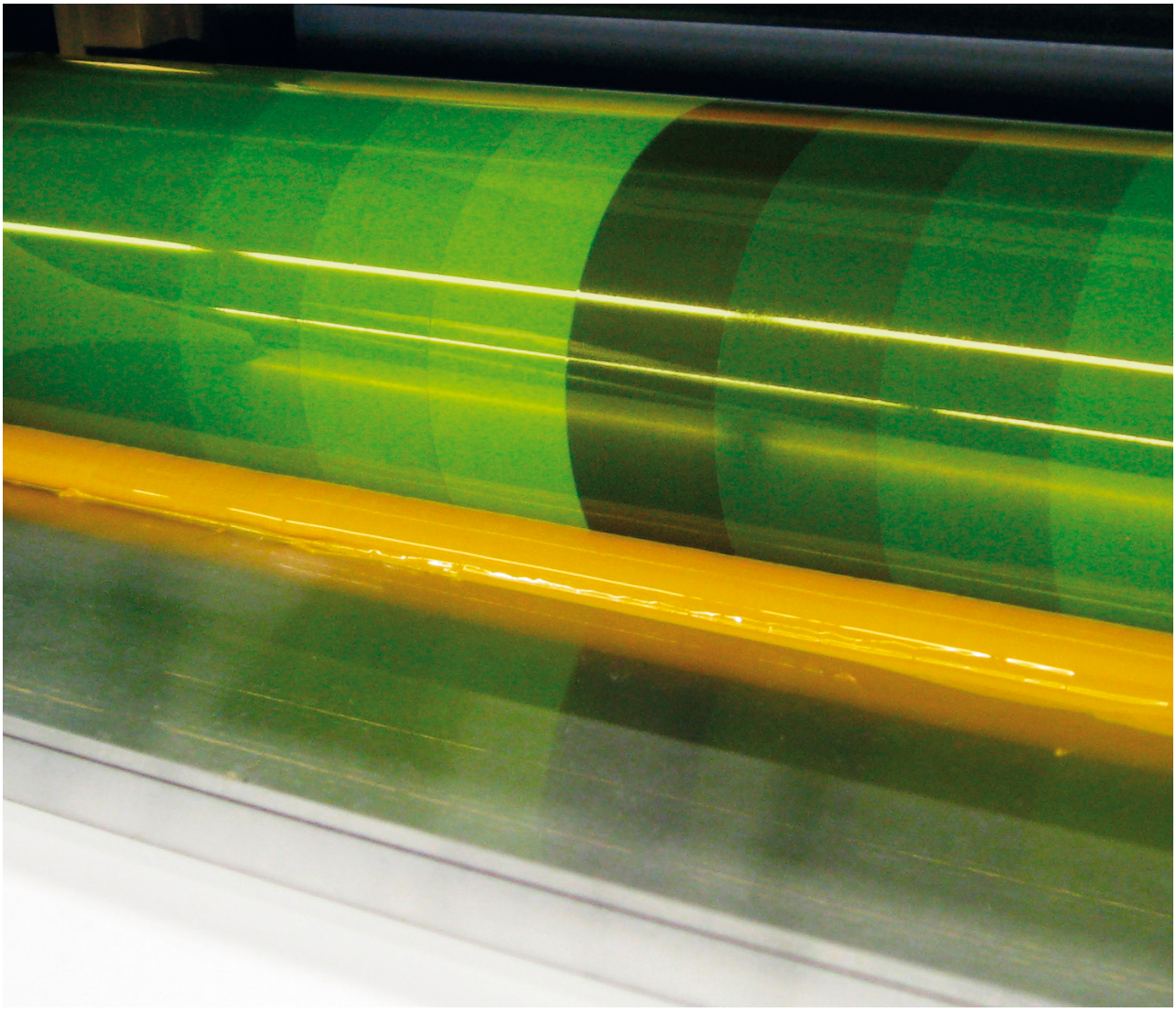
Electronic ink control system

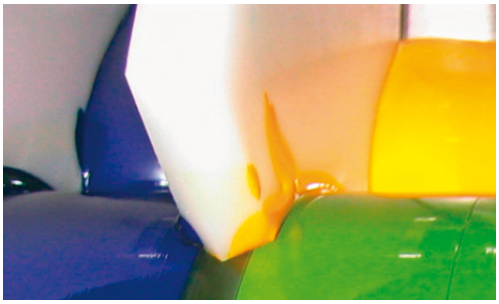
The ink ducts are controlled centrally, and orders can be set up directly from the pre-press data. The ink flow can be quickly and precisely regulated, and is reproducible. This makes even faster set-up times possible for repeat orders, provides a better print quality and saves wastage.

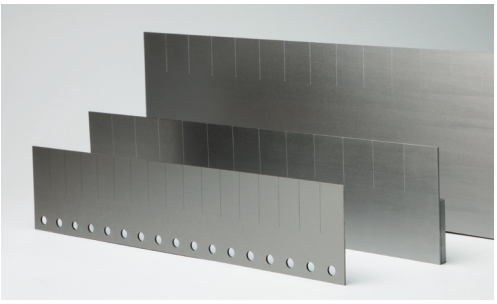


Ink agitators

Ink agitators with a pneumatic drive and adjustable movement intervals are, above all, suitable for use with UV inks, and avoid the «standstill» of the ink. The units are available with a static or revolving finger.







Divider systems
The separating systems are available in various designs and meet the highest requirements for safety printing. They are suitable both as part of the ink ducting systems and for the ink ducts of other manufacturers.

Duct blade
Segmented duct blades are available from AP Systems with zone widths from 16 to 32.5 mm and in web widths from 100 to 1400 mm. They can be individually produced for special applications.

FLEXIBLE INDIVIDUAL ADAPTABLE

«WE HAVE SET OURSELVES THE GOAL OF BEING THE BEST IN OUR BUSINESS»

The market is our challenge. Our goal is to maximise the efficiency and quality of the printing process and to minimise your costs. If you are able to increase your productivity and competitiveness thanks to our solutions, new possibilities will arise to enable you to develop your product and your marketing range even further. That is the requirement that we are aiming to fulfil with our comprehensive technology, many years of know-how and first class service.

With high quality work, innovations and further development of proven technology, we offer an added value that will pay off for you. The wide variety of market conditions and the requirements on the printed product demand speed, accuracy and flexibility in all manufacturing processes. With our systems, we give you the tools with which you can make your company more successful and more competitive.

Development, production on a state-of-the art infrastructure and installation at the customers' premises go hand in hand in our company. The expertise and qualifications of our staff make a convincing, durable and high quality solution possible. As an individual and flexible company, we are ready to assist you if you are designing a new machine, looking for a special solution or upgrading an existing printing machine. Thanks to our extensive know-how and many years of experience, we are your optimal partner in the area of ink ducting.

Bruno Hensel
CEO

FACTS & FIGURES

+ AP SYSTEMS IS YOUR PARTNER FOR INK DUCT SYSTEMS AND ACCESSORIES FOR PRECISE INK RUNS IN LETTERPRESS AND OFFSET PRINTING

+ WELL-KNOWN MANUFACTURERS INTEGRATE OUR PRODUCTS AS STANDARD, OR OFFER THEM AS OPTIONS

+ EXISTING PRINTING MACHINES CAN BE RETROFITTED WITHOUT ANY PROBLEM

+ PRECISION, QUALITY AND SERVICE ARE THE YARDSTICKS OF OUR EMPLOYEES, FROM THE DEVELOPMENT, THROUGH THE PRODUCTION AND UP TO THE INSTALLATION

The patented products of AP Systems are used worldwide for the optimisation of ink ducting in sheet and web printing. For example, for labels, packaging or special printing stock, such as synthetics, tin or CDs. Among other applications, the technology is used in the demanding area of security and safety printing, and offers convincing solutions for difficult inks and paints. These Swiss quality products are internationally recognised and hold a top position within the graphics industry.

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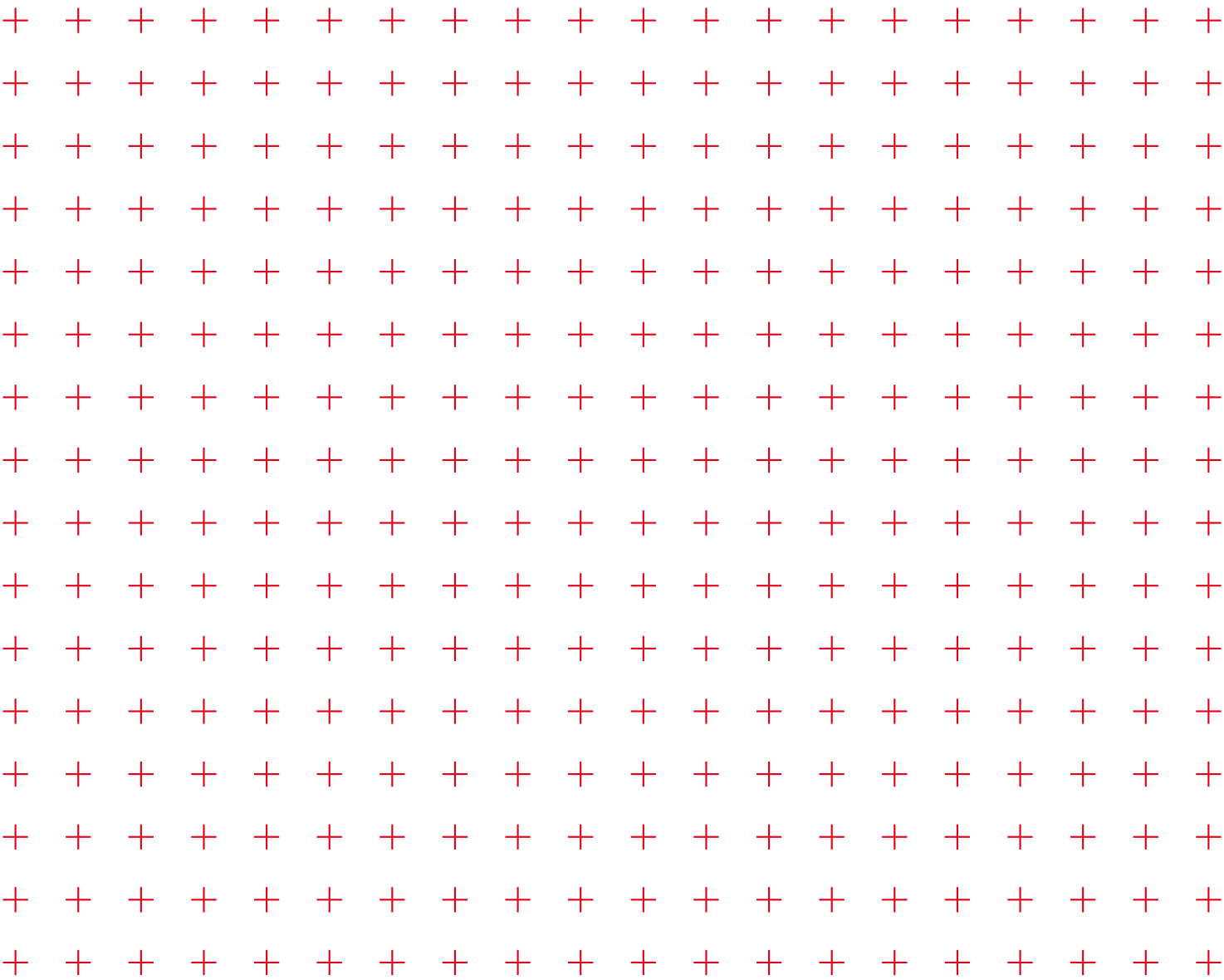
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