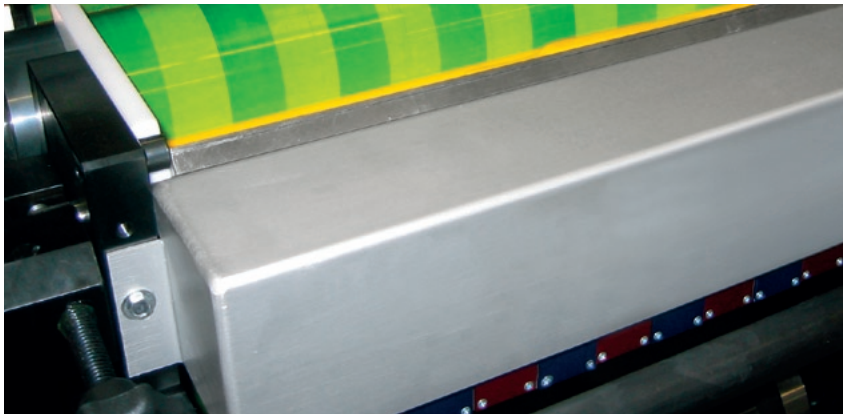




AP ELECTRONIC INC CONTROL (APIC) Electronic controlled ink duct system



Operation

The clear designed interface allows a central control of the print units. On the touch screen, desired settings can be easily made, keyboard and mouse are being used for the data management.

Repeat jobs

Perfect solution to manage countless repeat jobs, with a few clicks an ink duct can be set ready to print.

Prepress

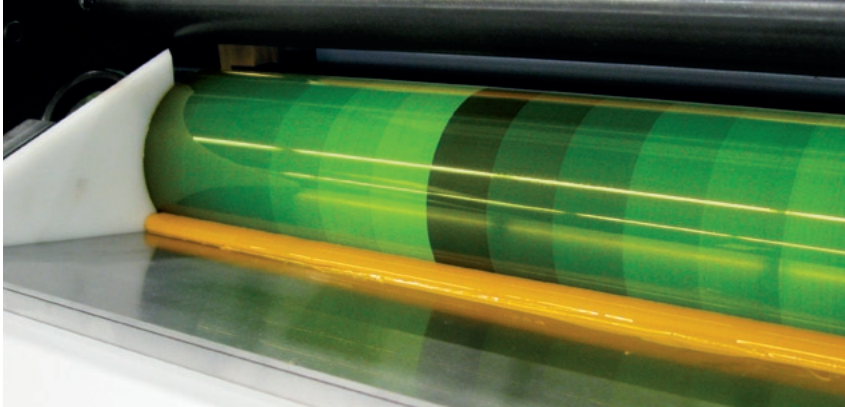
Additional software makes it possible to use prepress data directly for the setup of a new job. With a few clicks a new job is composed and set on the ink ducts.

Applications

The electronic controlled ink duct system is suitable for letterpress- and offset-machines. It works independent from the machine and is a perfect solution for retrofitting. We can offer suitable solutions for nearly every machine.

- + Central control of the inking units**
- + Precise and solid mechanic**
- + Less waste material**
- + Increased productivity**
- + Direct use of prepress data**

Our patented ink control system ensures a precise ink flow. These systems are a perfect solution to retrofit existing machines.



Software

Software is based on Windows .NET and can be installed on a PC. The specific machine setup Can be easily adjusted.

Power supply

Through an RS-232 interface, the PC is connected with a powerbox in which a power supply and a converter are located. The box has a size of 120x200x600mm and needs 230VAC supply. From this powerbox every ink duct is connected separately, setting orders are simultaneously sent to and executed on all ink ducts.

Ink duct

The ink ducts are available with precisely manufactured, segmented duct blades with widths from 100 to 1400mm. Depending on the application the segment width is being determined. Segment widths from 20.5 mm are possible. The ink flow is being set through positioning spindles with highest repeat accuracy. Removable lateral blocks simplify the cleaning of the ink duct.

Motors

Precise, solid mechanic with a control board on each motor. On this board address, zero position and actual position are being stored, position changes are calculated and individually executed. Pushbuttons on each motor are used for manual setting and adjustment of the zero-position. The housing is made of aluminium, the motor is connected with the ink duct through a quick-release clutch.

