

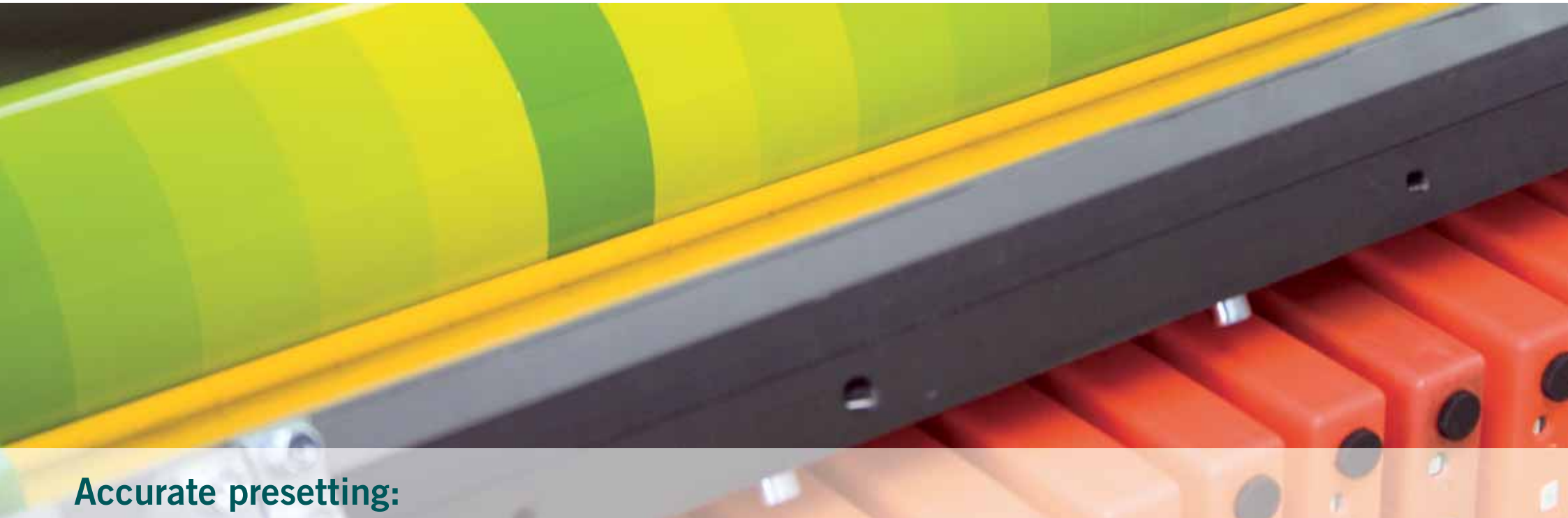


fss_4

Precise ink setting



colour



Accurate presetting:
eltromat is your expert of electronic ink fountain control systems



- ✓ QUICK TO PRINT
- ✓ REDUCING PAPER WASTE
- ✓ INCREASING PRODUCTIVITY
- ✓ MINIMIZING COSTS
- ✓ ASSURING QUALITY
- ✓ ELIMINATING COMPLAINTS



fss_4

fss_4

Offset, letterpress printing processes

” Everything goes much faster: One keystroke - the colour profiles are set for all printing units within seconds, and the press operator can start working. And when preset values are uploaded via cipcon or a repeat job is up, you have almost arrived at good production. That is when printing is fun! “

Purchaser



Electronic ink fountain control systems

in printing presses have long been state of the art. What matters are their accuracy, speed, reliability and ease of use. The development of the **fss** ink fountain control system builds upon our long

years' experience from installations in more than 500 printing presses worldwide. So, we can offer a system that is exactly tailored to the needs of the press operator.

It is the solution for all presses irrespective of print width and the number of print units employed.





Quick to the correct colour:

Intuitive, accurate and absolutely reproducible!



Intuitive operation

via the TFT touch_screen – any functions can be used at any time and are optimized for a fast reaction by the operator. By means of the patented eltromat LinearMouse any selected area of the job can easily be defined, due to a direct relationship with the printed pattern. The ink keys can

be adjusted individually, in groups or all together. Partial ink key setting is possible, and the system calculates automatically the necessary adjustments of the relevant keys. While the current job is still running the ink profiles of up to 8 future jobs can already be defined.

Effective and flexible

More than 500 systems are already in use worldwide. Almost every type of printing press can be provided with this system – also subsequently and irrespective of whether the machine is new or old.



Reducing set-up time

The use of high-quality components and simple intuitive operation will set-up the correct colour values immediately. The presetting of the ink fountain

control with the CIP3/CIP4 data conversion system cipcon or jobcon makes a significant reduction of waste and set-up time by up to 30 %.

Applications:	Offset printing Letterpress printing Sheet-fed and web offset printing presses
Operation	TFT touch_screen LinearMouse (patented) to adjust the ink keys of the individual printing units
Functions	<ul style="list-style-type: none"> - variable ink zone width - presetting of future jobs in the background - any number of repeat jobs in job memory - optimum setting accuracy in connection with the eltromat finecolour ink fountains - ink gap precision up to 1 micrometer - fully automatic function and position control of ink key drives - ink key setting – individual, groupwise, all keys - easy zero calibration of the ink keys - adjustment of ink fountain and dampening rollers (optional)
Service	remote diagnosis Modem, ISDN, Internet comes as standard
Extension	at any time by the modules vision and/or register to offcon@4, imcon_4 and corecon_4
Interface	eltromat_flow finecolour densicon_2

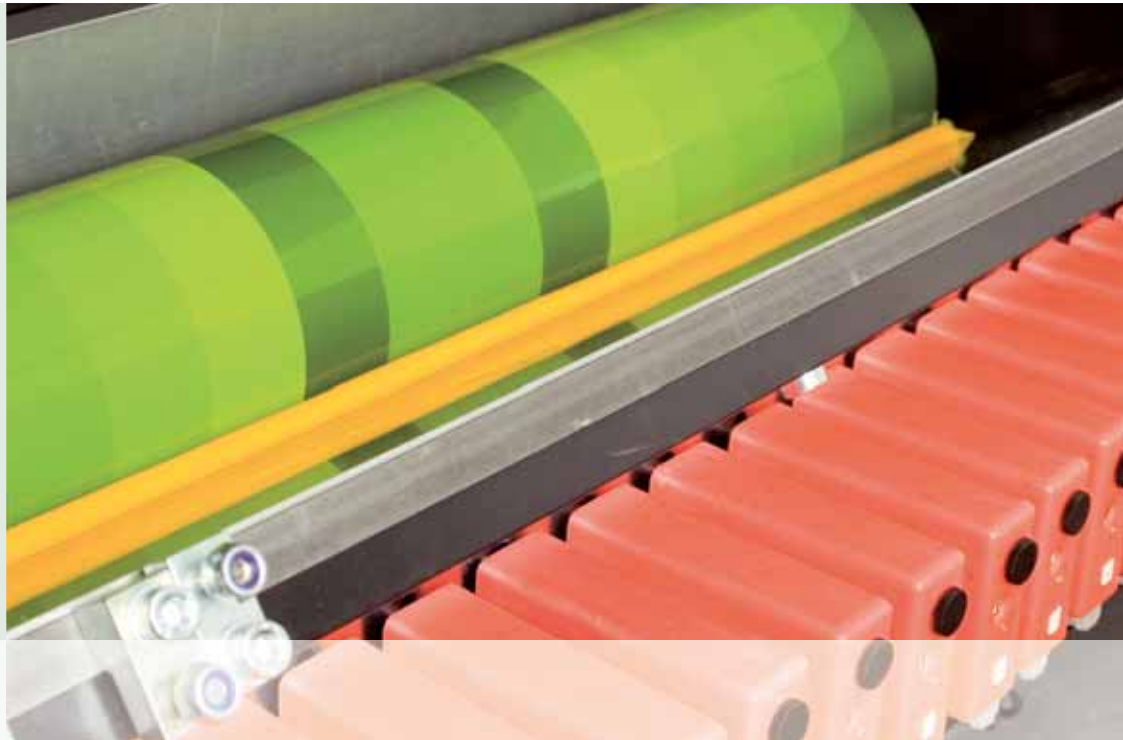
Ink fountain finecolour

Perfect ink setting:

by laser-cut precision ink blades!

Our **finecolour** ink fountains are equipped with laser-cut segmented ink blades with the cuts being provided with a special sealant. They are available in any width needed. The mechanical system used for ink key adjustment allows an exact reproduction of the gap between the ink blade and the ink duct roller for all ink zones. Every blade

segment is moved in plane-parallel direction to the duct roller. The individual ink zones can be set without affecting the neighbouring zone. The precise guidance of the ink keys allows an absolutely exact repositioning after cleaning. The flexible sealing between ink blade, cheeks and ink duct roller has been perfected over many years.



OPTIONS AT A GLANCE

- Desk illumination with standard light (D50)
- Duct roller and vibrator control for different machine types
- Ink fountains, finecolour, for different machine types and various printing widths

Extensions:

- by the module vision to **imcon_4**
- by the module register to **corecon_4**
- by the modules vision and register to **offcon®4**

Made in Germany:

eltromat – since 1960 we have developed and produced control equipment to optimise printing processes. We see ourselves as an innovative partner of machine manufacturers and printers. Printing plants throughout the world count on **eltromat**, because our systems reliably fulfil even the highest demands of efficiency and quality. Covering all the major printing and processing applications, gravure, flexo, offset or hybrid printing – **eltromat** can be applied wherever importance is attached to quality, service and flexibility. Our modular technology provides new possibilities: applications, starting with drive technology through image transmission, register control, colour control to complete inspection systems as well as simple, economic upgrades.

Please feel free to ask about reference installations.

Highest print quality with know-how

drive	register	vision	colour	flow
			fss_4 densicon_2 finecolour	



We provide worldwide service.

eltromat GmbH
Herforder Straße 249–251
33818 Leopoldshoehe
Germany

T +49 52 08 987-0
F +49 52 08 987-649
info@eltromat.de
www.eltromat.de

Locations

USA
France
United Kingdom
Spain
Italy

Agencies

Asia
India
Finland

eltromat GmbH
Baumeisterallee 25
04442 Zwenkau
Germany

T +49 34 20 35 85-0
F +49 34 20 35 85-113