The central operating unit – The EAE Control Console

EAE
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The EAE Control Console is the central operating unit for controlling a web press. You can plan your production at the Control Console and load the data to the remote controlled aggregates of the web press. Different models of the control console are available. The monitors have an aspect ratio of 16:9, ensuring easy operability of the operating screens.

Operation

The user interfaces of the EAE Control Console are grouped according to logical functions. All display and operating elements that have the same functions are clearly visible on a single user interface on a large 27-inch 16:9 monitor. Alternatively you can also operate a large number of functions (e.g. ink zones movement) using hard keys.

Quality control settings are made on just three different screens:

- Web registers – all the registers and the press folder are operated and controlled here
- Web tension
- Ink, water, colour registers

EAE Control Consoles can be operated in two different ways:

- from a production-oriented point of view
- from a machine-oriented point of view

Your benefits:

- Central control in page or press-oriented modus
- Efficient and central control of a complete press section
- Integration of all subsystems without further control desks
- Variable ink zone keyboard for a user-friendly production of various web widths
- Integrated semi-commercial-features as Spadea / plow fold / magazine pagination

Depending on the specific requirements of your printing house, press settings (e.g. ink settings) can be made either by directly selecting the respective page in the print product or by selecting individual printing couples.

If, in the near future, you are thinking of buying a solution for direct imaging in the press and/or a fully automated system for controlling ink/water dosage and cutting line and circumferential registers, we can already provide you with the relevant operating and visualisation screens.

Safety

All the basic settings required for printing (ink, water etc.) are stored in the Control Console itself, so your production is not dependent on any other systems. Production security is increased by each control console in a production section being able to control the overall production. The adjacent EAE Control Console can then continue a production any time without restrictions.

This means that even if the upstream production planning and presetting system breaks down, you can continue printing – in fact you can even create and start a new print product. This is possible due to an integrated average value and repeat production preset and an imposition scheme generator.

Variable ink zone keyboard

For productions with variable web widths, EAE offers a variable ink zone keyboard. For instance, a production with a narrow web width that is run on a double-width web press will cause the ink zone geometry of a selected page or pair of pages to differ from the assignment of the corresponding ink zone keys.

The new EAE Control Console with a variable ink zone keyboard compensates for this by mapping the ink zone geometry of the press - including the geometry that is dependent on the page numbers - to the variable keyboard of the Control Console. The alignment mark for the printed newspaper on the Control Console board is always projected onto the centre.

Softproof

An additional feature of the new EAE Control Console is its softproof function. The proof page displayed on the monitor can be controlled or adjusted from the ink/water screen on the Control Console user interface. The respective pages are visualised automatically by selecting the page on which the ink has to be corrected. The proof monitor is located directly above the proof copy area on the Control Console.

Different models of the Control Console

The following models of the Baltic Star console are available:

- Basic, Twin, Twin Command and Quality.

- Basic is the standard Control Console used in printing houses. A separate module with additional hard keys and a monitor is mounted on a central base.

- Twin is a combination of the Basic console and an additional module mounted on the left, which can be customized.

- Twin Command is a Twin with an additional monitor.

- Quality consists of a central base and a monitor. This model is suit able for use in printing booths that are extremely narrow and cramped.