

The Automatic Paper Workflow



EAE MaFlow automates all your reel transport logistics; from unloading the truck to storage in the main storage area, to fully automated and punctual positioning of the roll in the reel stand.

The automation of your reel transport by EAE MaFlow even includes an automatic pasting process for the rolls. However, you decide which degree of automation fits your printing house. In most printing houses that use MaFlow, automation of the following processes has proven practical:

- Paper preparation control
- In-process storage in daily storage near the right reelstand
- Equipping the reelstand

The extremely high efficiency of EAE MaFlow results from constant data communication between:

- the EAE Print production planning and presetting system (planning or scheduled data)
- the EAE Info messaging and reporting system of the rotary press (actual data)
- and the reelstand (actual data)



Your benefits:

- Cost reduction by just in time productions
- Employment and time optimisation by minimising manual planning activities by high integration with EAE Print and EAE info
- Minimisation of make ready times
- Automatic transport of residual paper reels
- Standardised interfaces for Management Information Systems

EAE Print plans all the print products for the day for all sections and provides data on circulation figures and volumes; start and end times for printing. EAE Print knows whether full or semi-full reels are required, etc. On the basis of this and other data, MaFlow decides when and where which roll is needed. For short-term changes in planning (e.g. another object is given priority), MaFlow responds by correcting the material flow in the daily storeroom on the basis of the corresponding data from EAE Print, thus guaranteeing optimum just-in-time production.

If a reel change is about to take place, and the production of this print product will be completed shortly (e.g. only 500 to go), MaFlow stops the new paper reel on the basis of the actual data from the messaging and reporting system EAE Info – if there is sufficient paper left on the reel stub. In this way, MaFlow helps minimise changeover times greatly.

Finally, MaFlow controls the automatic removal of remaining paper on rolls or partially used rolls and the removal of waste paper by automatic transport systems.

The actual data of the logistics system can then be used for statistical and other purposes, for example for ReelData, the reel data management system from EAE (see product data sheet EAE ReelData) - or for V.I.P., the interdepartmental order planning system from EAE (see product data sheet EAE V.I.P.).

