

autoprint in sheetfed offset printing

Automation for greater production efficiency

autoprint stands for the vision of an intelligent and highly efficient printing press that, at the push of one button – One Touch – brings the highest degree of automation to offset printing. manroland already leads the field in automation of newspaper and commercial web offset presses and has now implemented the concept in sheetfed offset as well.

These days, under the present economic conditions, printing companies have to produce more efficiently. autoprint enables more jobs to be produced in a shorter period of time and also provides rapid job changeover through an intelligent control system. The heart of the autoprint development is the One Touch vision – fast series production by pushing only one button. autoprint increases production efficiency through automated and predefined worksteps, increases operating comfort by focusing on the essential tasks, and improves a company's ecological balance sheet at the same time. Optimal preparation of the presetting data before a job changeover minimizes the time that the press is not productive. The autoprint control system makes a major contribution to press efficiency.

autoprint smart: the entry into industrial-scale printing

autoprint smart features automated operating sequences and series printing functions in job preparation and thus optimizes the production workflow. The intelligent interplay of different technologies for makeready time reduction and the self-learning control systems in the press make job changeover up till the first OK sheet much faster.

Depending on the job structure, a productivity increase of up to 15 percent is achievable at the same printing speed, with waste sheets reduced by around 30 percent. autoprint smart also safeguards print quality over the entire production run, provides better planning of job sequences and exact reproduction of repeat jobs. The printer benefits from simplified press operation and has time to attend to other tasks. The printing company benefits from faster job turnaround times and lower production costs. manroland will present autoprint smart for the first time at IPEX 2010.

Caption:

The One Touch vision now in sheetfed offset as well: fast series production by pushing only one button.

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manroland AG is the world's second largest printing systems manufacturer and the world's market leader in web offset. manroland employs almost 8,000 people. The company has annual sales of some 1.7 billion euros with an export share of approximately 80% (2008). Webfed and sheetfed presses provide solutions for publishing, commercial, and packaging printing.

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