

# MAX SAMES

## Platemaking in Offset and Thermography:

In lithoprinting (or offsetprinting), the biggest differences in quality can be found in the area of platemaking (prepress). While some still use original techniques with film, high energy exposure of light-sensitive plates, a very time-consuming process with a high rate of error (>10%), others have moved to exposure of plastic films being strapped into the offsetpress and printed from. These films will give poor reproduction and quality while lasting no longer than a few thousand impressions.

State of the art manufacturing of offsetplates is done through special watercooled high density laser units, that manage to burn the image right onto the plate, leaving exposed areas with a non water accepting surface. These plates only have to be washed off with a mild detergent to get prepared for their use in the press, enviornmentally safe and extremely reliable in timing and quality.

This system is called direct-to-plate (DTP) and is being used at Max Sames and performed in house.

Highest longevity with a maximum of quality can be ensured and even brought us the label „Environmental Partner of the City of Hamburg“.



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