

Press release

Bruckmuehl, July 2024

adphos wins contract for high-end drying technology from leading international printing company

A top-tier global printing company specializing in décor and packaging production has selected an adphos aNIR® drying solution as part of upgrading their 5-color gravure printing press. They have chosen to replace and upgrade their fossil fuel fired convection drying system on an existing roto-gravure press with an all-electric adphos aNIR® drying solution after testing and comparison an aNIR® to shortwave and carbon IR (midwave) drying systems. With the adphos aNIR® solution, the following benefits were noted and expected:

- **Energy reduction of over 55%** compared to the conventional IR systems due to the higher efficiency and instant on/off capability of the adphos aNIR® system.
- **Decreased web path of over 70%**, due to a possible compact drying configuration which also contributes to a notable reduction of scrap and waste.
- **Significantly improved color to color print registration** and adjustment during press operation with highly dynamic process parameter adjustments including the ramp up/down of press speeds

The substantial cost benefits associated with integrating the adphos aNIR® drying solution are estimated to provide a return on investment within a mere twelve months.

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