

DRYING EXPERT CONSULTING

Identification of hidden savings potentials in your W&H printing machine



Why Drying Expert Consulting?

Due to the increasing relevance of energy efficiency and the rapid advancement of technological development, there are many opportunities to improve energy efficiency and performance of your W&H printing machine. To help you identify the individual potential, W&H offers customized consultings by our drying experts.

Each generation of printing machines has different savings potentials. These can be matched to individual customer needs such as reducing CO₂ emissions, cost savings (e.g. through energy efficiency-related modifications) or increasing the autothermal operating hours of the Regenerative Thermal Oxidizer (RTO).

Your advantages

- ✓ Quick and easy initial consultation via video call
- ✓ Identification of hidden potentials in your printing machine and drying system
- ✓ Customized advice from our W&H drying experts
- ✓ Individual solutions tailored to your requirements
- ✓ Increased drying performance
- ✓ Savings in energy and costs

How it works

Individual consultation

Together we identify your individual needs and discuss possible improvements via video conference.

In-depth analysis

Our experts will analyse your individual machine combined with your specific needs.

Advice on optimization

Based on your individual requirements, you will receive recommendations for optimization from our experts.



Learn more about **W&H Retrofit Solutions**:
https://www.wh.group/int/en/service/upgrade/retrofit_solutions/

Find more information on the back of the page.



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Exemplary use cases and outcomes for energy savings



1. An upgrade from LEL monitoring to LEL control enables energy savings to the RTO, either for RTO gas consumption and/or heat recovery, through solvent concentration in the press.

- ✓ Reduced energy consumption
- ✓ Reduced exhaust air

2. In case of an older generation of printing presses, retrofitting frequency converters to control air velocity can save significant amounts of electricity and exhaust air.

- ✓ Up to 4.5% electricity savings*
- ✓ Up to 35% reduction of exhaust air*

**Customer example*

Exemplary use cases and outcomes for performance improvement



1. Conversion of the drying system to 100% fresh air from the printing chamber or from outside significantly improves production speed and drying efficiency for water-based inks.

- ✓ Doubling of the production speed possible
- ✓ No more depositing of ink on the chill roll draw unit
- ✓ Less cleaning effort

2. Retrofitting LEL sensors for remote maintenance is much more convenient, saves time and results in significantly less downtime. Our W&H IDC experts are able to read out error and warning messages, perform a soft reset or calibrate the zero and calibration point remotely.

- ✓ Reduction of faults and unplanned machine downtimes

GET YOUR INDIVIDUAL DRYING CONSULTING

Looking for the right solution? Our experts will be happy to guide you in the right way and help you make the best decision for your individual needs. Please contact your regional W&H Service Sales Manager to get in touch with our experts.



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