

Company Name:

Date

Ultimate Checklist „How to Save Money“

10 easy steps to super-power your textile finishing lines

This checklist serves to investigate and evaluate the different areas in your production, where energy is eating up the efficiencies. By looking into every highlighted segment and optimizing it you definitely will make a difference: Increasing the transparency, reducing the cost. For a safer and more efficient working environment.

Step	Optimized	Steps for improvement	ROI	Process Control
1 Stenter: Constant residual moisture at exactly 8%		Control residual moisture sensors at stenter exit and connections	Calculate your savings	Optipac / Ecopac: Textometer RMS Thermoset OMT
2 Stenter: Too low efficiency at Heat Setting		Check Pyrometers for temperature profile in the stenter chambers	Calculate your savings	Optipac / Ecopac: Permaset VMT
3 Stenter: Electricity consumption exhaust air fans too high		Link exhaust air fans to the moisture content values inside stenter chamber	Calculate your savings	Optipac / Ecopac: Ecomat AML
4 Stenter: General efficiency / temperature performance too low		Optimize temperature versus moisture measurement inside stenter chamber	Calculate your savings	Optipac / Ecopac: Ecomat AML
5 Stenter: Skewed and bowed fabric		Check the weft straightening performance: sensors free of dirt / mechanics working		Orthopac Orthomax Orthofact
6 Stenter/Compactor: Weight out of tolerance		Link density measurement to the overfeed at stenter / compactor inlet	Calculate your savings	Famacont
7 Stenter/Compactor: Residual shrinkage out of tolerance		Link weight measurement to the overfeed at stenter / compactor inlet	Calculate your savings	Famacont
8 Cylinder Dryer: Constant, reproducible residual moisture		Dryer divided in different segments with individual temperature control	Calculate your savings	Atmoset
9 Cylinder Dryer: Steam Consumption		Dryer segments controlled by the residual moisture at dryer exit	Calculate your savings	Atmoset
10 Cylinder Dryer: Steam Consumption		Dryer housing Steam pipes insulated Steam valves insulated	Calculate your savings	Customized