## Steam Z Case Study



## Cylinder dryer

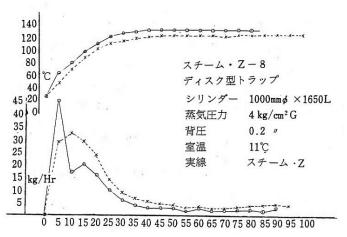


It is used in Paper mills, cardboard factories, dyeing factories, spinning factories, linen supplies, etc.

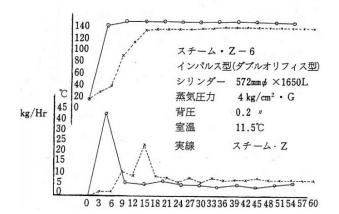
## Benefits

- 1. The rise time at the start was shortened.
- 2. The cylinder surface temperature rose 5 10%, and the productivity increased by 5 10%.
- 3. Steam consumption decreased by 5 20%.

The figure below shows a measurement example at a certain dyeing factory.



Elapsed time after opening of steam valve (min) Comparison of rise condition at the start of cylinder dryer operation (Part 1)



Elapsed time after opening of steam valve (min) Comparison of rise condition at the start of cylinder dryer operation (part 2)

## STEAM $\cdot \not\ge$ Best Solution to Fuel Cost Saving and Reduction of CO<sub>2</sub>

