

# Dynamic Steam Heater Propeller

How to save ~ 360,000 € per year\*



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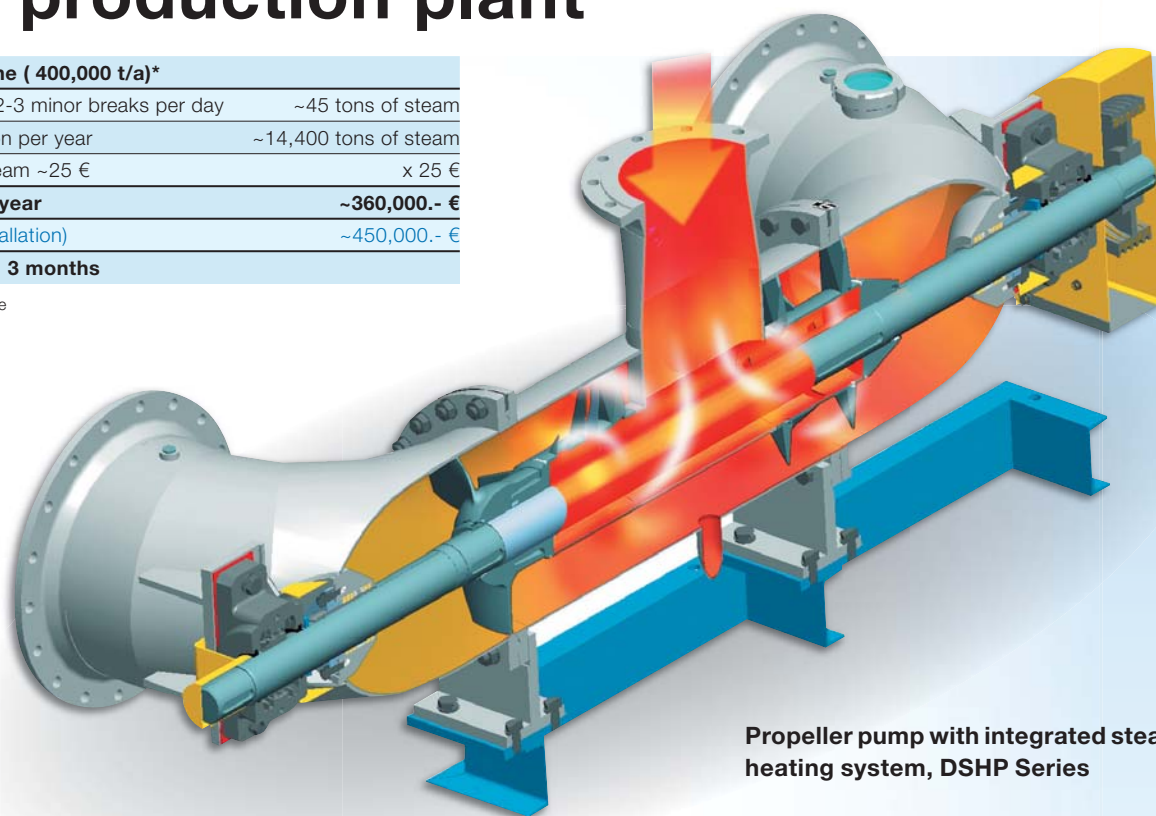
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# Use in industrial power stations in the event of interruptions of the production plant

\* **E.g., a paper machine ( 400,000 t/a)\***

Ø 1 major break and 2-3 minor breaks per day	~45 tons of steam
~320 days of operation per year	~14,400 tons of steam
Price of one ton of steam ~25 €	x 25 €
<b>Overall savings per year</b>	<b>~360,000.- €</b>
Costs (DSHP and installation)	~450,000.- €
<b>Payback: 1 year and 3 months</b>	

\* Source: ANDRITZ estimate



Propeller pump with integrated steam heating system, DSHP Series

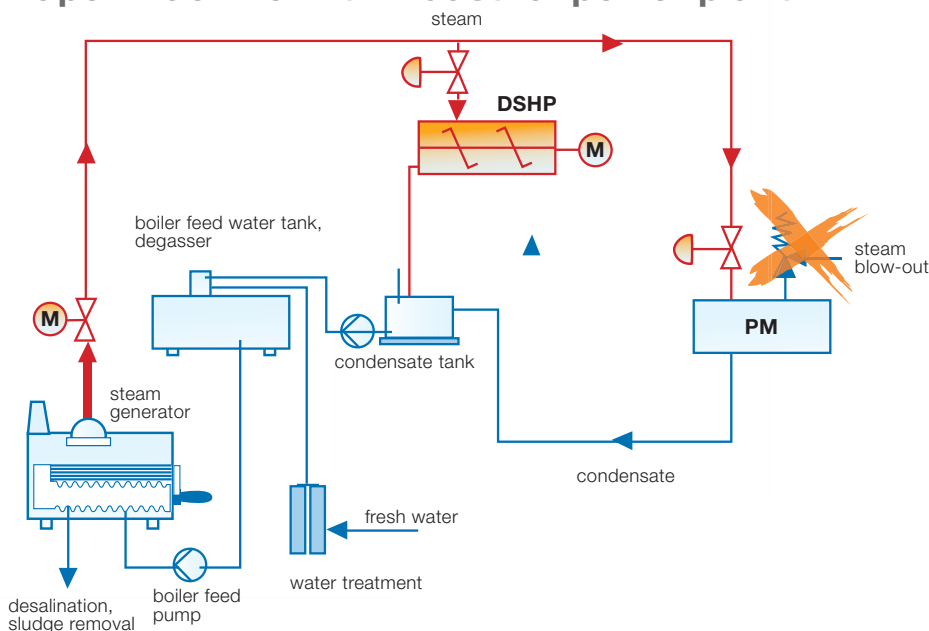
## Advantages

- 95% energy recovery
- condensate recovery without losses
- high steam quantities (up to 50 tons of steam)
- compact design
- 95% chemical savings

## Applications

- industrial power plants, in the course of interruptions (e.g., sheet breaks of a paper machine)
- preheating of feed water
- concrete production

## Paper machine with industrial power plant



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