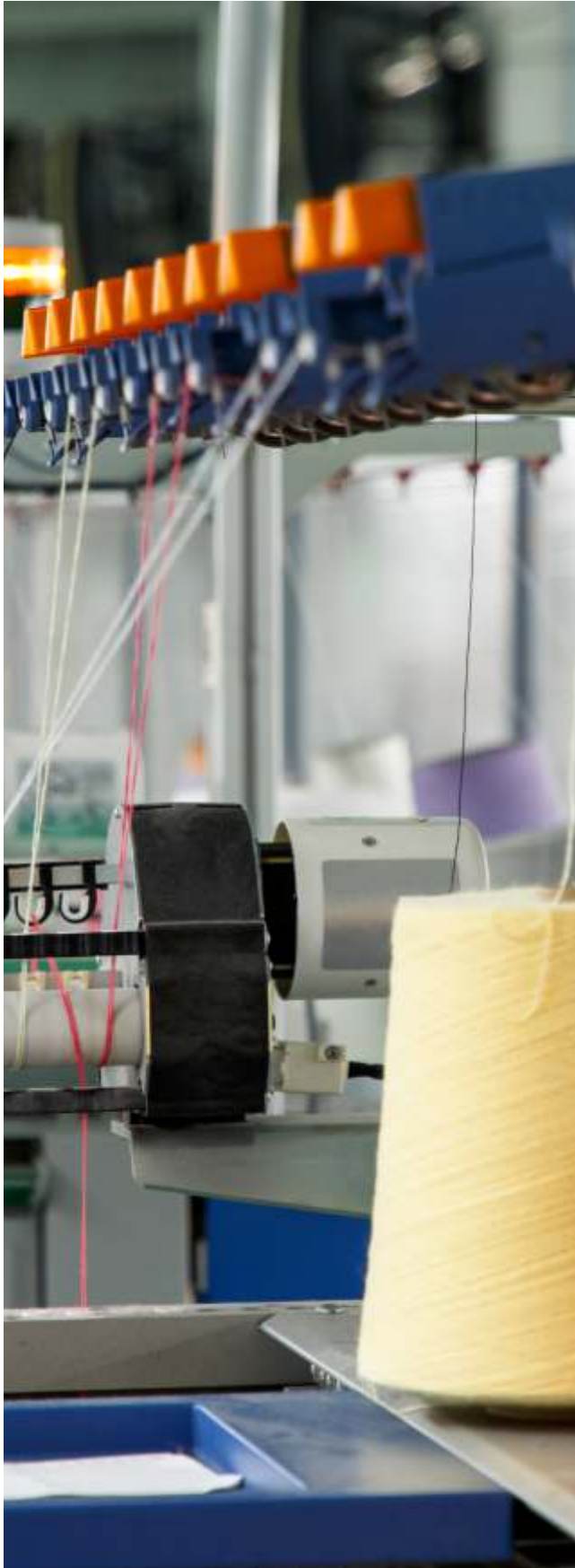


CASE STUDY

A textile plant in Western Indonesia



Problem

- Excess blowdown
- Condensate discharged to pit
- Increased steam consumption due to trap leakage

Objective

To optimise energy savings, reduce water and improve boiler efficiency and performance

Solution

Forbes Marshall carried out a detailed study of the plant to determine areas of concern, Following products were installed as per recommendation

- Boiler blowdown control system
- Condensate recovery system
- Compact module thermodynamic trap for header and mainline trapping
- Automatic air vents for header and dead end sizing machine

Benefits

- TDS drained at 3500 PPM
- Condensate from sizing machine recovered and returned to the feed water tank
- 17% reduction in annual fuel bill
- water consumption for process reduced by 87.8 m3/month