

**Industry:** Textile  
**Company:** Printing and dyeing factory  
**Location:** Guangdong Province, China  
**Baelz Technology:** Controlled thermocompressors Jetomat®

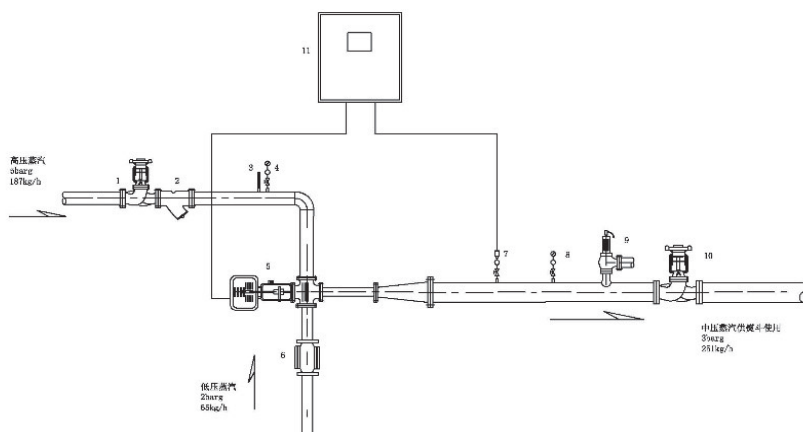
### ORIGINAL SITUATION

Low-pressure steam is released directly into the atmosphere - an avoidable waste of energy.

### TECHNICAL ENHANCEMENT

A controlled ejector is used to process steam at 2 bar, raising the steam pressure as necessary for the consumers. Steam at 3 bar is used as motive steam for the thermocompressor. In this way, the demand for steam at 3 bar can be reduced.

The thermocompressor regulates the pressure of the mixture to 3 bar.



### SAVINGS

Every kilogram of 2 bar steam recovered by the steam ejector reduces the demand for 3 bar steam by 1 kg.

The entire plant no longer emits direct exhaust steam!

### ADVANTAGES OF THERMOCOMPRESSOR TECHNOLOGY

To supply steam in the medium pressure range, the relatively expensive motive steam is mixed with cheap suction steam.

