

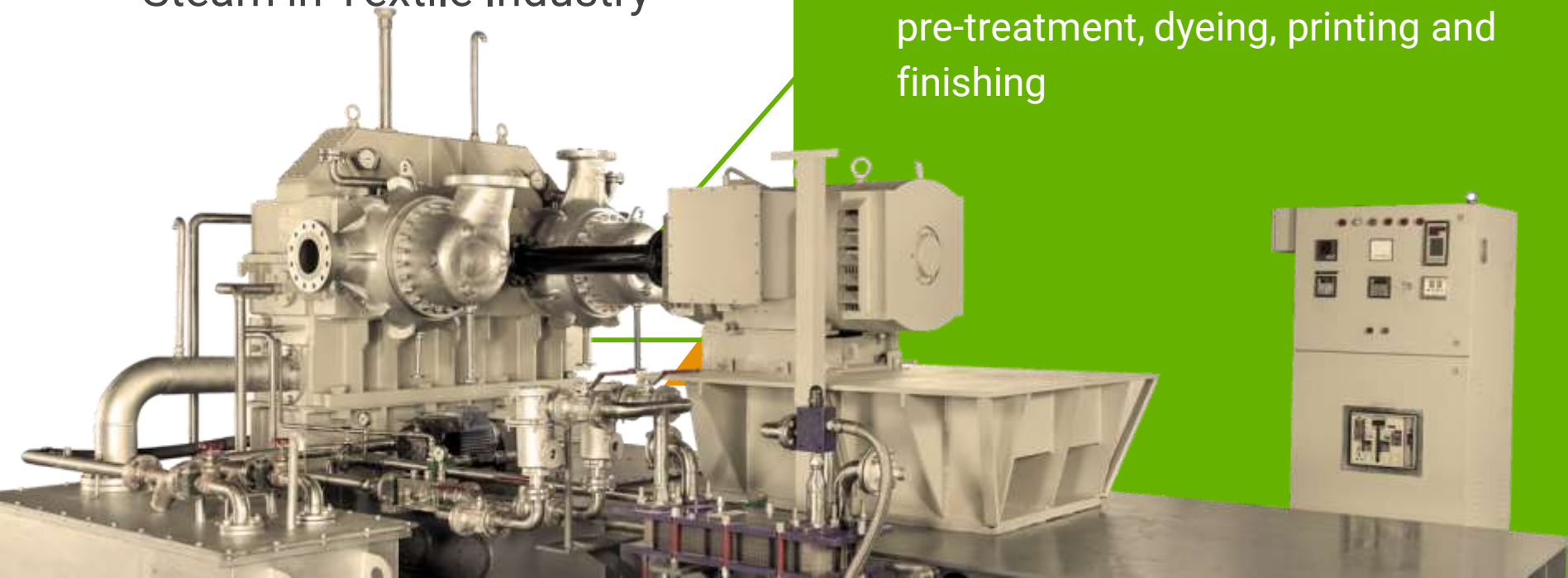
Textile industry case studies



Introduction

Steam in Textile Industry

Steam plays an integral role at several stages of the textile manufacturing processes such as , pre-treatment, dyeing, printing and finishing



Case Study 1 – Textile plant in Gujarat





Textile plant in Gujarat

Context

The company

Is a leading manufacturer polyester textile

Solution

TurboTech's Turbine

After understanding the plant's requirement TurboTech suggested a MK7 - Single Stage Back Pressure Turbine

Impact

Power generation

360kW of energy is generated from the steam that was being otherwise wasted




Image of the turbine at the textile plant, GJ



Case Study 2 – Textile plant in Gujarat





Textile plant in Gujarat

Context

The company

Is a leading manufacturer polyester textile and has two functional turbines from TurboTech

Solution


TurboTech's Turbine

After understanding the plant's requirement TurboTech suggested a MK7 – Single Stage Back Pressure Turbine

Impact

Power generation

285kW of energy is generated from the steam that was being otherwise wasted



Case Study 3 - Textile plant in Gujarat





Textile plant in Gujarat

Context

The company

Is known for its end to end solution for textile processing and manufacture. It has net capacity of processing 6 lakh metres of fabric per day

Solution


TurboTech's Turbine

After understanding the plant's requirement TurboTech suggested a MK3 – Single Stage Back Pressure Turbine

Impact

Power generation

175W of energy is generated from the steam that was being otherwise wasted



Case Study 4 - Textile plant in Gujarat





Textile plant in Gujarat

Context

The company

one of the largest textile manufacturing company with multiple plants across the state

Solution


TurboTech's Turbine

After understanding the plant's requirement TurboTech suggested a MK3 - Single Stage Back Pressure Turbine

Impact

Power generation

140W of energy is generated from the steam that was being otherwise wasted



Case Study 5 - Textile plant in Gujarat





Textile plant in Gujarat

Context

The company

one of the largest textile manufacturing company with multiple plants across the state. It has two functional turbines from TurboTech

Solution


TurboTech's Turbine

After understanding the plant's requirement TurboTech suggested a MK7 - Single Stage Back Pressure Turbine

Impact

Power generation

300kW of energy is generated from the steam that was being otherwise wasted



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Thank you

