

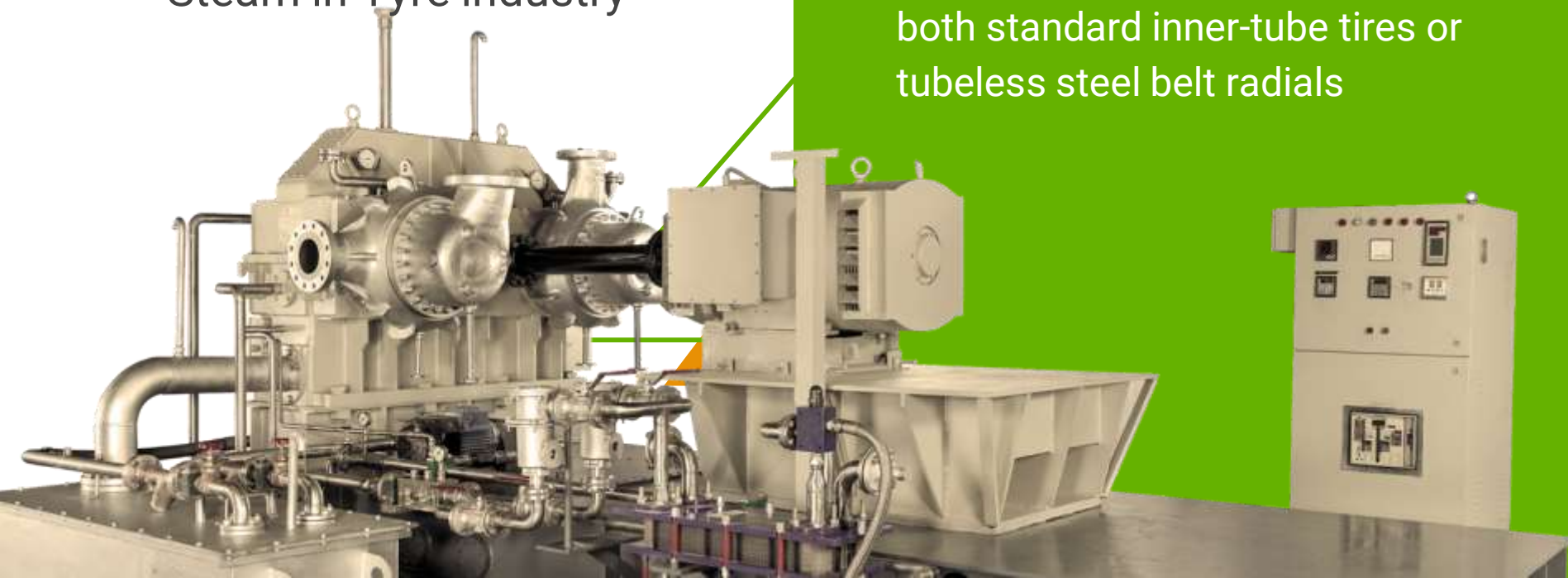
# Tyre industry case studies



# Introduction

## Steam in Tyre industry

Steam is part of the vulcanization and curing process for producing high-performance tires. This is a for both standard inner-tube tires or tubeless steel belt radials



# Case Study 1 – Tyre plant in Maharashtra





# Tyre plant in Maharashtra

## Context

### **The company**

is one of India's leading tyre brands. Driven by the purpose of helping the world move safely and smartly, it provides world-class products and services across 100+ countries.

## Solution

### **TurboTech's Turbine**

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

## Impact

### **Power generation**

135kW of energy is generated from the steam that was being otherwise wasted



# Case Study 2 – Tyre plant in Maharashtra





# Tyre plant in Maharashtra

## Context

### **The company**

is one of the world's largest tyre companies. It manufactures its products in 54 facilities in 23 countries around the world

## Solution

### **TurboTech's Turbine**

After understanding the plant's requirement TurboTech suggested a Multi Stage Extraction Back Pressure Turbine.

## Impact

### **Power generation**

430kW of energy is generated from the steam that was being otherwise wasted



# Case Study 3 - Tyre plant in Karnataka





# Tyre plant in Karnataka

## Context

**The company**  
is one of India's foremost tyre manufacturers and is also amongst the top 25 manufacturers in the world

## 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







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**Thank you**

