

# Cleaner manufacturing at Hungarian tyre plant

The world's fastest growing tyre manufacturer has reduced pollution whilst increasing production by 50%, with a C-RCO unit from Centrica Business Solutions Zrt.



## Minimising pollution, maximising production

When one of the world's fastest growing tyre manufacturers planned to open a new industrial plant in Hungary, it wanted to ensure that production processes were maximised without increasing the release of harmful gases, which are a by-product of the tyre manufacturing process.

### A bespoke burner

As part of the plans for the new industrial plant, Centrica Business Solutions Zrt. designed, built and installed a bespoke C-RCO polluted air burner unit. The project involved designing the air duct system, gas supply and electrical cabling at the plant, as well as the C-RCO unit itself.

The 200 tonne unit is equipped with two 1,000m<sup>3</sup>/hour fans, which suck air from the machinery and pass it through bag filters. 16,000 individual filters then extract the harmful volatile organic compounds (VOCs) from the waste gases. A 350 kW industrial burner helps to purify the gases, before they are released safely into the atmosphere.

### The results

The industrial plant opened ahead of schedule and can process an additional 17,000 tyres per day, a 50% increase on usual daily production.

Thanks to the C-RCO unit from Centrica Business Solutions Zrt., this increased productivity will not have an impact on the environment.

200  
TONNES

C-RCO unit  
weighing  
200 tonnes

350  
KW

Industrial burner  
with a 350 kW  
capacity

50%

Productivity  
increased  
by 50%

“

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### Why Centrica Business Solutions Zrt.?

- A team of technology innovators who could design, build and install a bespoke C-RCO unit to exactly meet the customer's requirements
- With a large, experienced team, Centrica Business Solutions Zrt. can scale to meet projects of any size or deadline