



ROMILL

GST PREHEATER

Revolution in curing for progressive solid tires manufactures

ROMILL GST PREHEATER is a **unique microwave technology for efficient preheating of green solid tires before curing**. Microwaves deliver fast and uniform heating, save costs, reduce curing time. The technology enables to implement Industry 4.0



Reduction of curing time up to 50 %

One device can serve several presses.



Automated, with little operator requirements

Only simple operations required.



Increases eco operation, reduces costs

Using green energy reduces gas requirements. The final product leaves a lower carbon footprint. Production costs are reduced.



High heating homogeneity

Preheating prevents undercuring and causes no structural defects.



Preheating with or without disc

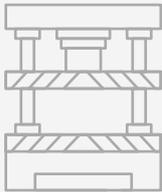
Technology enables heating tires including metal disc.



Just-in-time ready

Technology supports just-in-time production.

Current production
6 tires in 24 hours

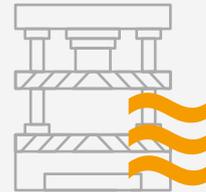


Curing a solid tire **takes 4 hours**



Production with GST Preheater
12 tires in 24 hours

1 microwave can supply 4 presses



+ 100 %

Curing a solid tire
takes 2 hours

Technical specification

GST Preheater	
Dimensions (w × d × h):	1 880 × 1 550 × 1 330 mm
Weight:	710 kg
Output temperature:	approx. 95 °C according to rubber compound
Min. green tire dimensions (ø / h):	365 mm / 40 mm
Max. green tire dimensions (ø / h):	620 mm / 85 mm
Installed power:	8 kW, 2 450 MHz
Max. input power:	12,5 kW

The installed power and other parameters of the device can be customized according to the client's needs

