



# FUE-RTG

**Integrated Battery Pack  
The Zero Emission Solution**



# New Integrated Battery Pack

## FullE-RTG – 100% electrical power

We sought to combine traditionally powered applications with high tech battery technology.

Our FullE-RTG system is integrated into a specially designed battery house. This battery housing is mounted onboard the RTG crane and replaces the diesel generator and diesel fuel tank which is no longer required.

Our cutting edge battery management system includes

numerous advanced features, such as multi-layer temperature control, self-balancing, optimized charging/discharging, regulated active air flow cooling, physically isolated battery modules, and active hazard control. These are not only critical for the safe operation of the battery system, but also have a significant impact on the life time of the system.

The system's multifunctional touch display interface and remote monitoring capabilities, allow system



data to be accessed remotely via mobile phone. The data can then be analyzed to serve as the input to a predictable maintenance plan.



*“For the first time  
you can convert RTG or E-RTG Cranes  
to 100% electrical power”*



## FullE-RTG

Now you can replace your traditional diesel generator completely with our new Integrated Battery Pack. The diesel generator, ordinarily used to power your E-RTG when it is not connected to our conductor rail or reel system, can be completely eliminated, reducing fossil fuel costs and emissions to zero.

At the core of the power pack are the newest technology lithium batteries in combination with a dedicated state of the art battery management system.

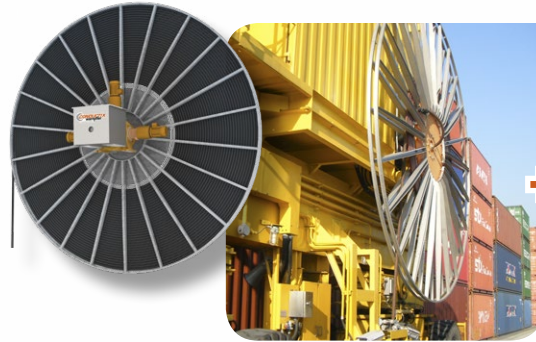
# We add the "FullE" to your RTG Electrification of Rubber-Tired Gantries

Converting a conventional RTG into a fully electric RTG (**FullE-RTG™**) means removing the diesel genset and powering the RTG seamlessly and fully with electric power from power grid or battery system.

The **FullE-RTG™** conversion is possible with the unique power supply systems developed by Conductix-Wampfler:

**Motor Driven Cable Reel System**  
or **Conductor Rail System.**

**FullE-RTG™**  
a crucial contribution  
to fuel savings  
and clean ports!



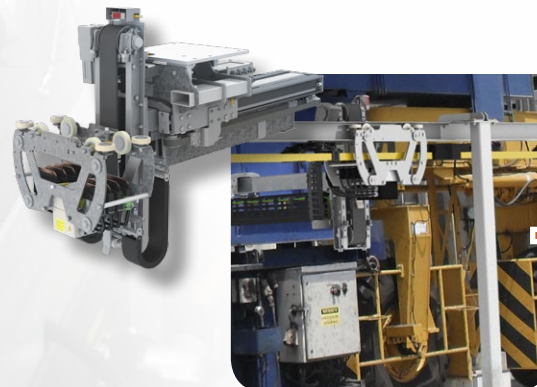
+ "FullE"

Motor Driven Reel  
Solution



+ "FullE"

Plug-In  
Solution



+ "FullE"

Drive-In L  
Solution



### Environmental



No emissions

### Economical

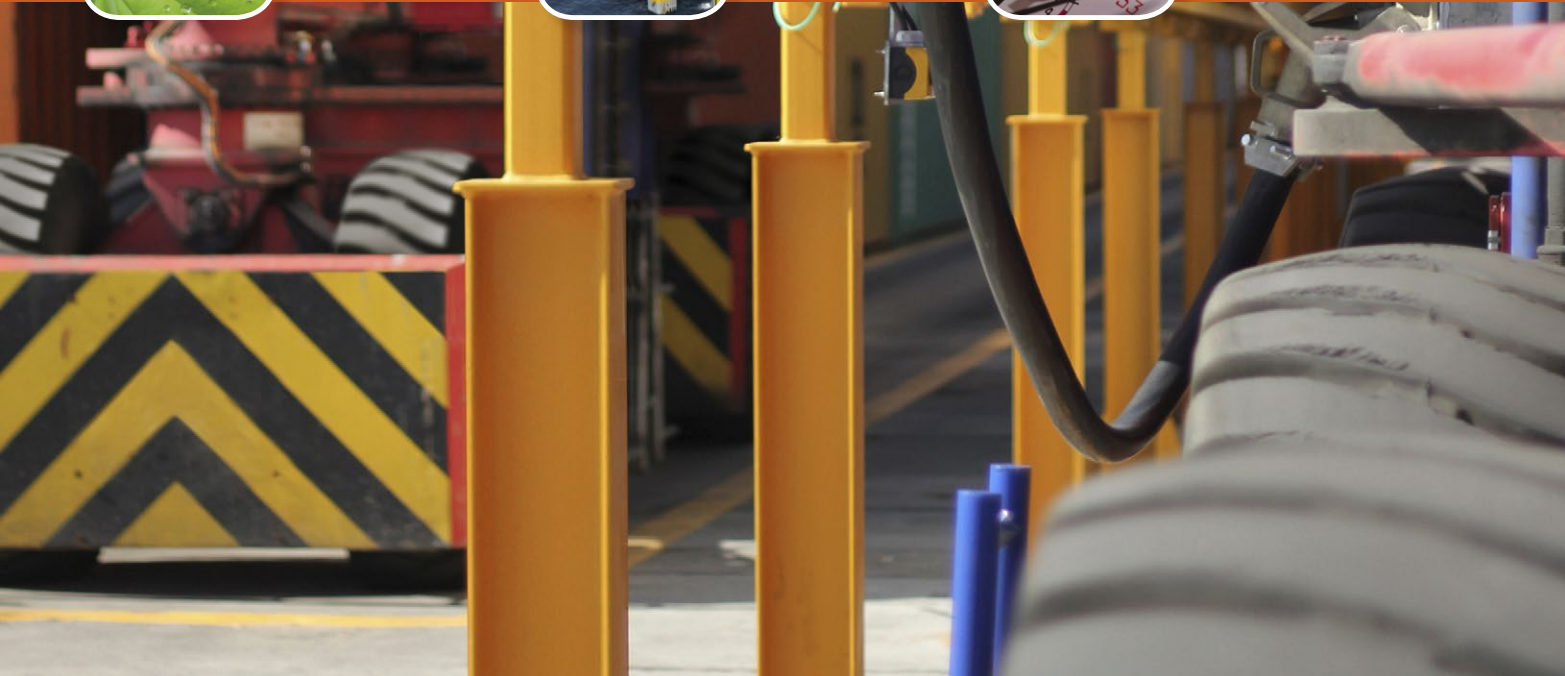


No fuel costs

### Efficient



Quick and easy to maintain, no downtimes, automated operation



# www.conductix.com

Conductix-Wampfler has just one critical mission: To provide you with energy and data transmission systems that will keep your operations up and running 24/7/365.

We add the "FullE" to your RTG!

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**www.conductix.com**

