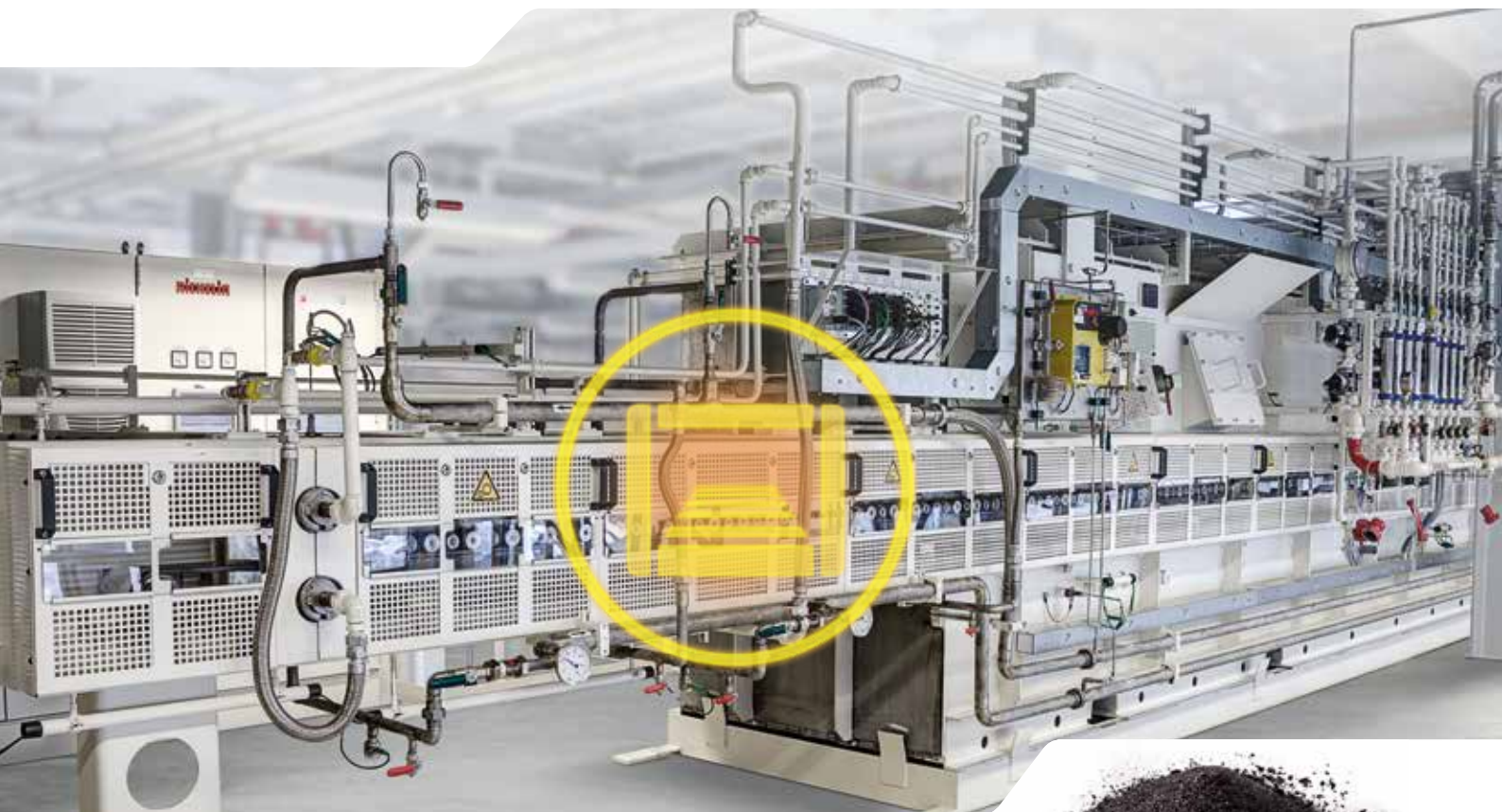


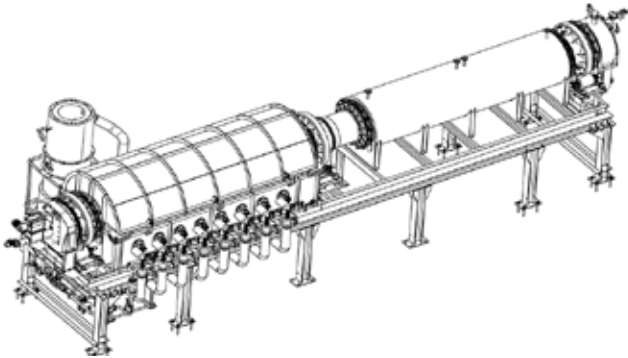
Pow(d)er to the World

Heat Treatment for Tomorrow's Energy



BATTERY POWDER

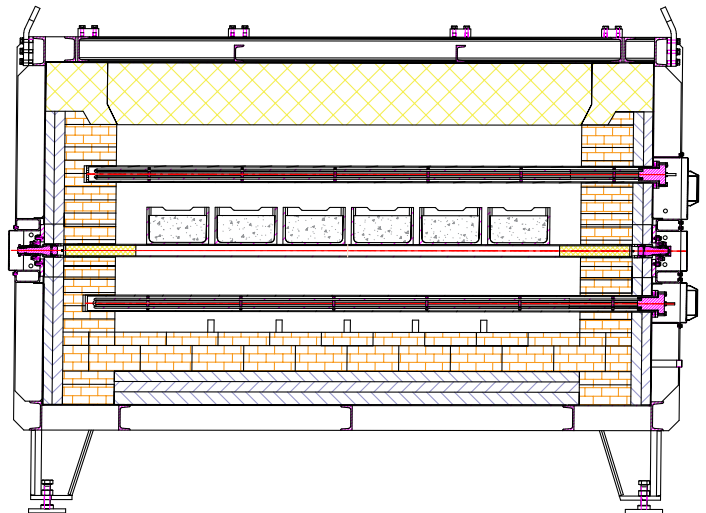
Rotary Drum Kiln



- Up to 1100 °C in first part, 600 °C in the second part
- Maximum contact surface, good heat transfer
- Built for continuous operation
- Designed for handling fine powder
- Inert atmospheric conditions

Roller Hearth Kiln

- Materials: NMC (cathode), LFP (cathode), Carbon-Based Materials (anode)
- Temperature range: 500 – 1100 °C +/- 5 °C
- Gassing: Air, Oxygen, Nitrogen
- Carrier type: Saggars
- Inlet/Outlet sluices
- Automated Sagger Handling System



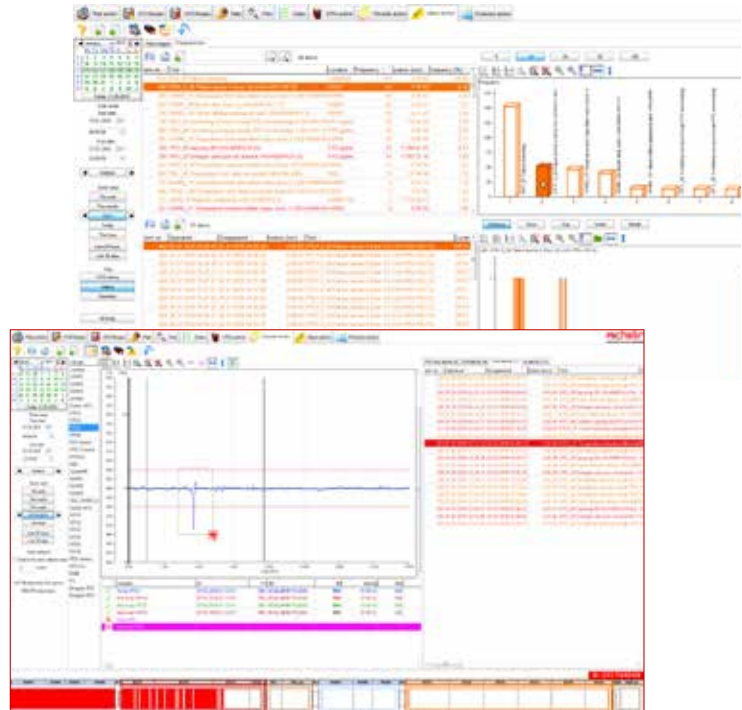
New Design - Roller Hearth Kiln



INDUSTRY 4.0

FOCOS 4.0 Process Control Software

- Detailed plant mapping
- Trend recorder
- Data analysis
- Reliable documentation
- Error messages according to:
 - Frequency
 - Chronology
 - Time range of occurrence



#jakob maintenance and service assistant



Object recognition
#jakob uses innovative technology to detect objects



Condition monitoring
With its connection to the sensors, #jakob has all the information about the condition of your furnace



Spare parts
#jakob knows your furnace - and all its spare and wear parts



Predictive maintenance
#jakob prevents unplanned plant downtime



Service and maintenance
#jakob is the perfect assistant to help your team with the maintenance



Data protection
By default #jakob is a cloud solution. OnPremise solutions are also feasible

