



RIEDHAMMER
committed to your needs

A NEW RECYCLING STRATEGY



**COMBINED LITHIUM
CELL RECYCLING
PLANT "ALL IN ONE"**



FOLLOWING THE GROWING REQUEST FOR QUALITATIVE SOLUTIONS IN THE CIRCULAR ECONOMY, WE DEVELOP NEW AND INNOVATIVE RECYCLING PLANTS FOR LITHIUM-ION CELLS

COMBINED LITHIUM CELL RECYCLING PLANT ALL IN ONE:

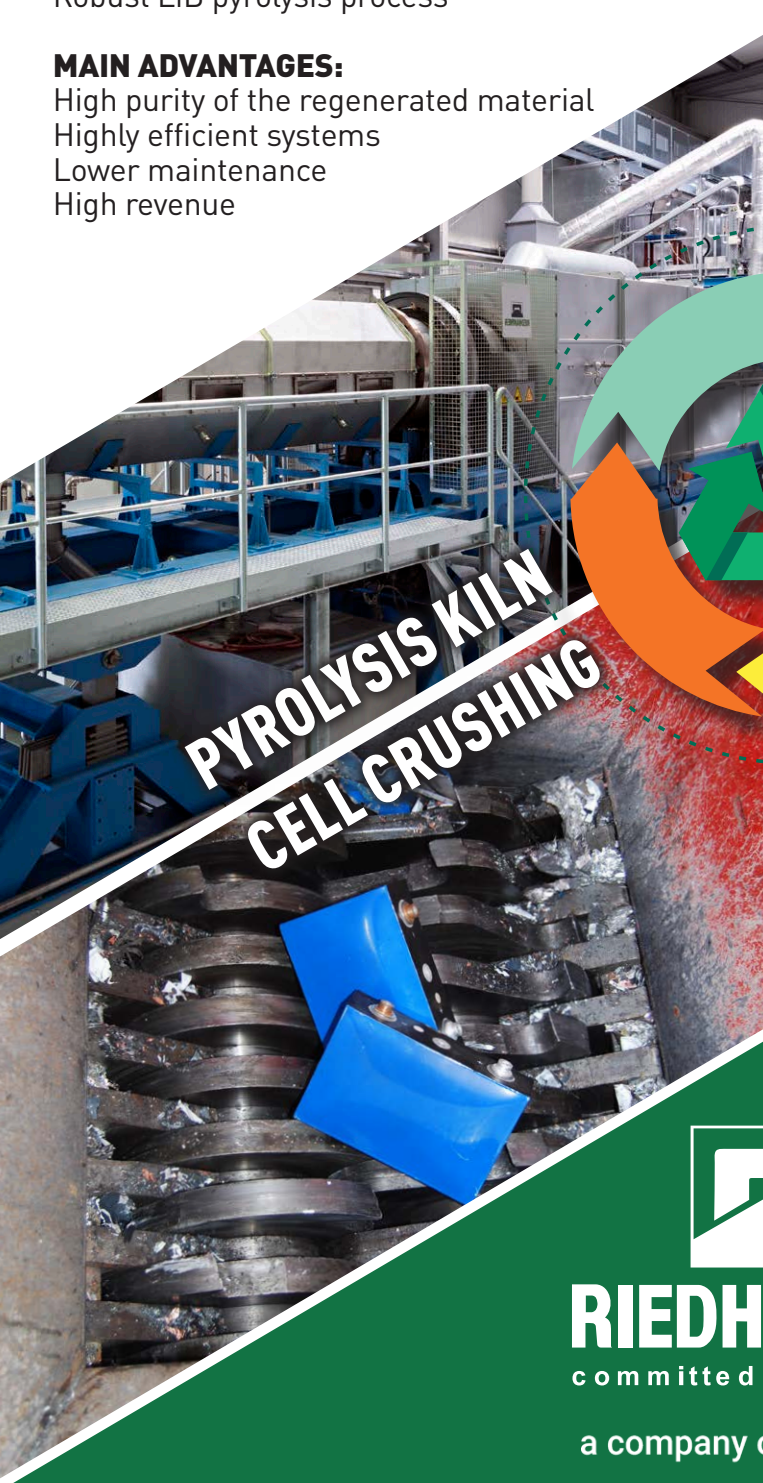
Exhaust gas filtration treatment with post-combustion
Recycling of different cells formats
Regeneration of valuable metals
Capacity of up to 24 tons/day

INNOVATIVE TECHNOLOGY:

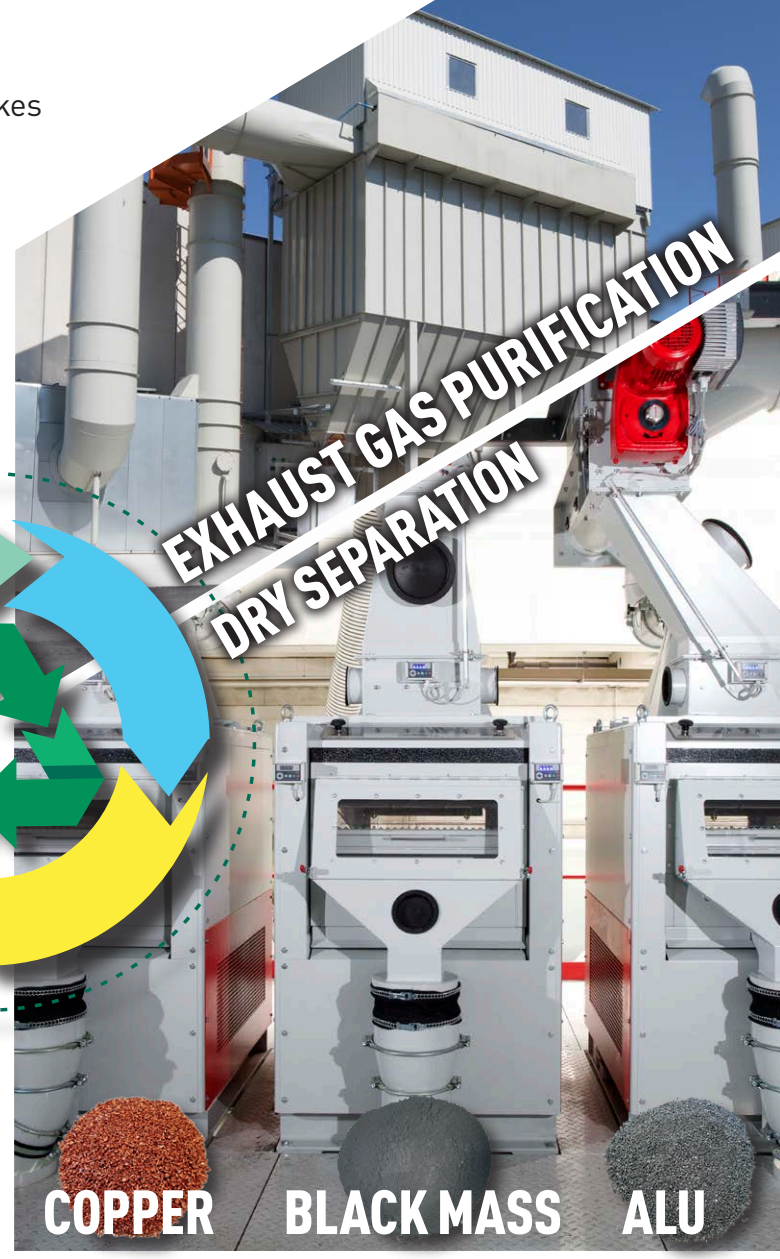
Recovery of dry Black Mass, Copper and Aluminum flakes
Mechanical separation including magnetic separation
Safe cell crushing with system monitoring
Heat and energy recovery via ORC System
Robust LiB pyrolysis process

MAIN ADVANTAGES:

High purity of the regenerated material
Highly efficient systems
Lower maintenance
High revenue



PYROLYSIS KILN
CELL CRUSHING



EXHAUST GAS PURIFICATION
DRY SEPARATION



COPPER

BLACK MASS

ALU



RIEDHAMMER

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