

Specific DATA Equipment LIB Recycling Plant L size 3 - 48 t/day

Cell format	Cylindrical, Prismatic, Pouch, Blade	N₂ consumption	1.000 - 20.000 Nm ³ /day
Cell Chemistry	LFP, NMC, LCO, LTO, NCA	Cleaned offgas	0,4 - 12 t/day
Cell material flow input	3 - 48 t/day	Regenerated Copper	0,5 - 8 t/day
Cell discharge level	< 0,2 V	Regenerated Aluminum	0,75 - 12 t/day
Overall plant weight	6 - 200 t	Regenerated „Black Mass“	1,5 - 24 t/day
Operation time	330 days/year	Purity Al/Cu	> 92%
Cell LOI	20 - 25 %	Purity „Black Mass“	> 95%
Max. HF concentration output offgas	2 mg/Nm ³	Peak temperature pyrolysis	550 - 625 °C
Power consumption	200 - 3.000 kW	Number of suggested employees per shift	2 - 10



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COMBINED LITHIUM CELL RECYCLING PLANT

All-in-one

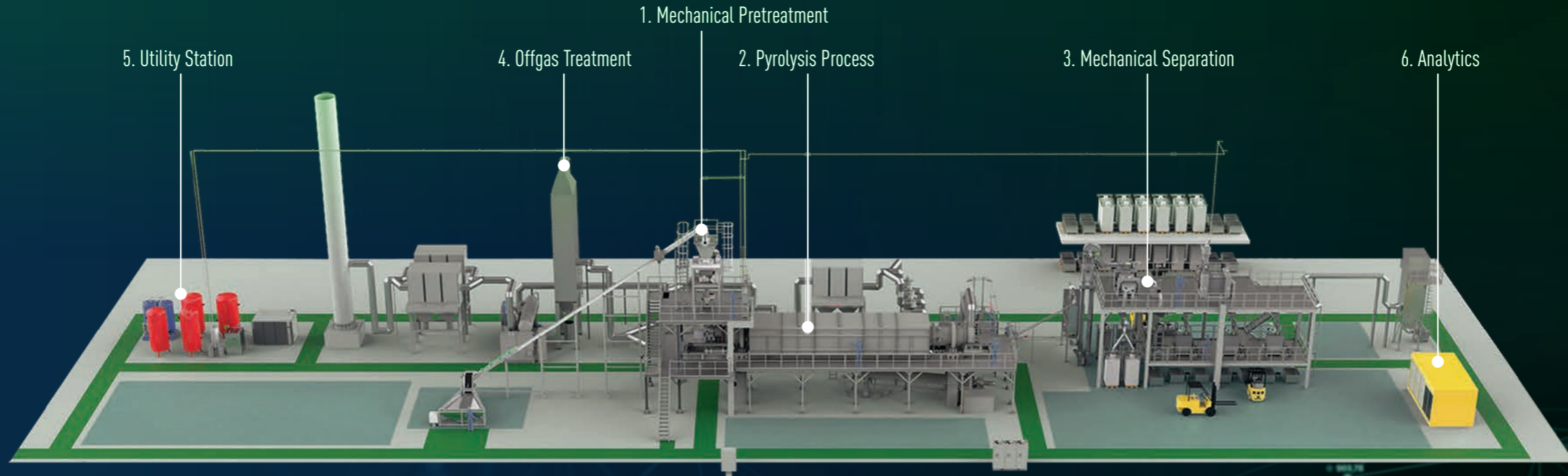


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All-in-one

Product Innovation

- Processing of different cell shapes and cell chemistries
- Continuous Recycling Operation
- Capacity of up to 48 tons/day

Innovative Technology

- Robust and efficient Pyrolysis Kiln – fully developed technology
- Efficient removal of binders, organics and fluorine sources
- Regeneration of commercially available recycled materials of highest quality

