Lithium Harvest

Mobile Site-Validation Unit (SVU)

Technical Parameters

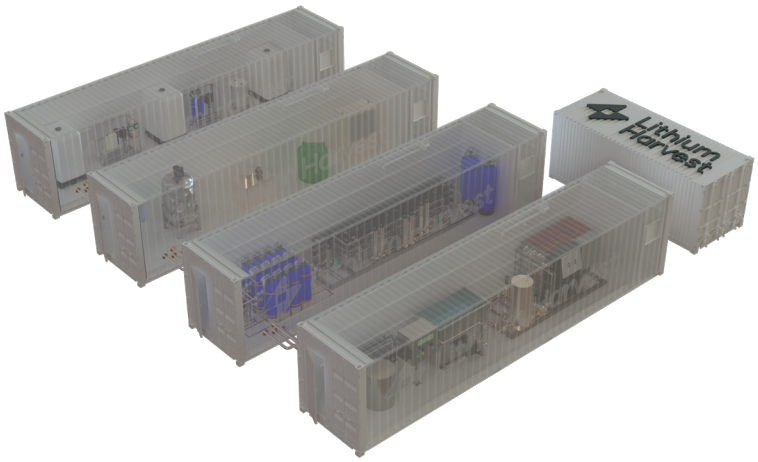
Feed	Produced water, geothermal brine, and other lithium-bearing brine
Throughput	2 m^3/h
Footprint	4 x 40 ft containers + 1 x 20 ft container
Utilities	Power, freshwater, disposal - and your brine, of course
Typical testing time	~3 months

Site/Test Prerequisites

Lithium concentration	≥80 ppm
For commercial viability screening, typical brine flow	≥100 m^3/h (≈15,000 bbl./d)
Min. TDS	70,000 mg/l

Decision-Grade Outputs

- **Site-specific Basis of Design** - PFD/P&ID, utility list, footprint
- **Performance report** - recovery rates, uptime, specific energy/chemical use, fouling/scaling profile
- **Commercial pack** - CapEx/OpEx range bands, DBOO royalties or revenue-share proposal, project schedule gates, acceptance test plan
- **ESG pack** - water balance, waste profile, and key sustainability metrics



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