

IAMM™

(Independent Ammonia Making Machine)

NH₃



AMMONIA STORAGE

NH₃



AMMONIA USE
(Fertilizer)

Contact Us

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ammpower.com



AMMPower

Your Independent
Ammonia Making Machine:
IAMM™

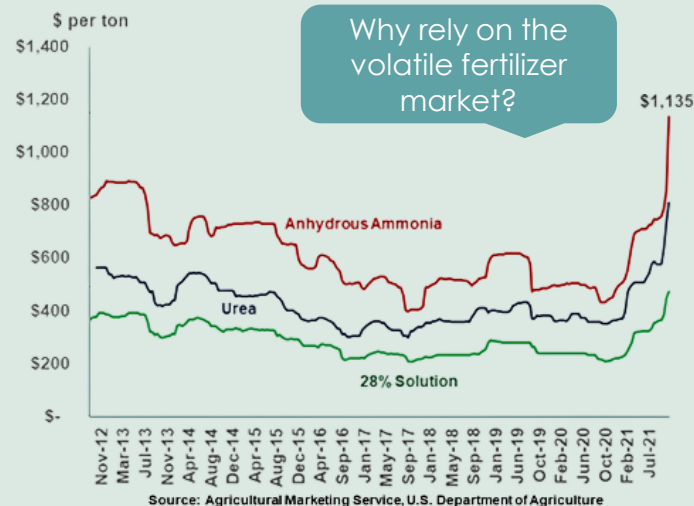


On-Site Ammonia Production

The Independent Ammonia Making Machine™ (IAMM™) is a **self-contained** ammonia synthesizer, providing **pure anhydrous ammonia** at your convenience.

Year-round, consistent production by IAMM™ means **on-demand anhydrous**. These units are idealized for fertilizer use in the agricultural industry and will provide quick deployment from small to large scale operations. IAMM™ is perfect for large farms and anhydrous ammonia distributors or retailers.

- **Reliable & Predictable Production**
- **Stable & Measurable Profits**
- **Mobile, Modular, & Scalable Units**
- **On-Site Ammonia Manufacturing**



Create your own ammonia and control your profits!



Generate 4.4 tons of Ammonia every single day

AmpPower's IAMM™

Pricing & Delivery*

Avoid industry standard pricing and develop ammonia onsite in a stable and reliable process with IAMM™.

- **Cost/unit: \$3 – 3.5M**
- **Operational Cost/year: \$800k**
- **Profitability: 43% earnings pre-tax**
- **Unit delivery by the fourth quarter of 2022**

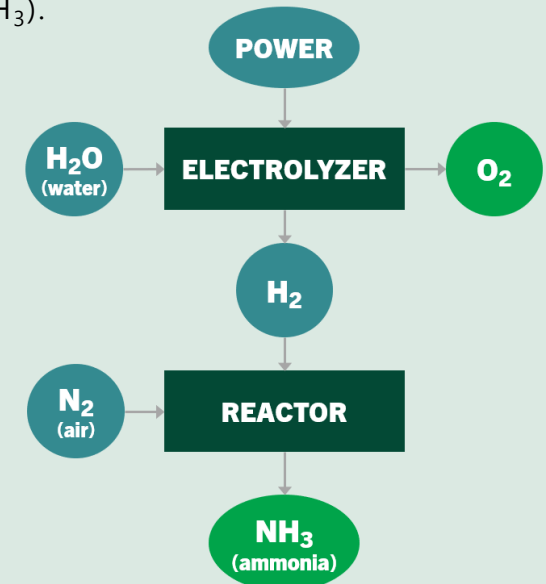
Specifications

Create and control your own supply of ammonia (NH₃) with only two inputs, power and water, from a modular array of shipping container-sized units.

- **Input Power: 9.07 MWh/ton NH₃**
- **Input Water: 130 gal/hr**
- **Output NH₃: 4.4 tons NH₃/day**

Clean, Green Ammonia Machine

AmpPower's **carbon-free**, green ammonia synthesis technology requires **only two user inputs: water and electricity**. The water (H₂O) is broken down into hydrogen (H₂) and oxygen (O₂), then nitrogen (N₂) from the air is added to create ammonia (NH₃).



Carbon Offsets

Offset yearly operating expenditures by earning carbon credits to sell or trade.

- **Earn up to 5500 credits each year**

With every ton of CO₂ prevented, you can receive CERs: Certified Emission Reduction credits. Our IAMM™ units can get you credit offsets for synthesizing clean, green ammonia and for powering your IAMM™ with renewable generated electricity.

- **2 tons of CO₂ prevented for every ton of NH₃ created using electrolysis.**
- **200 tons of CO₂ prevented for every GWh of electricity when powered with renewable energy.**

*Profit estimates show example possibilities using AmpPower pricing models and the anhydrous ammonia market value as of February 2022. They do not guarantee earnings for the IAMM™.

