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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

Generate 4.4 tons of Ammonia every single day

AmmPower’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

AmmPower’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.