LabhGroup
Empowering Business
Transforming World!



Global Leader in Providing Next Generation Turnkey Solution to Air & Gas Processing Industries!

www.labhgroup.com

Presenting

Ammonia Cracker Plant

LabhGroup

30+ Years of Rich Experience | **100+** Countries Global Presence | **10000+** Delighted Customers

Ammonia Cracker Unit



Air & Gas Processing Equipment Divison

Global Leader in Next Generation Air & Gas Processing Equipment

ISO 9001:2015 CERTIFIED | ISO 14001:2015 CERTIFIED | European Coformity CE Certified Products | GMP Quality | Executive Member FIEO Federation of Indian Export Organizations

Technical Specification

Particular	Details
Machine Name	Ammonia Cracker Plant
Function	To produces hydrogen gas by cracking ammonia
Catalyst	Nickel
Cracked Gas Ratio	75% H_2 & 25% N_2
Hydrogen purity	99%
Furnace Temperature	850 degrees centigrade
Dew Point	(-) 70 degrees centigrade
Application 1	Heat treatment furnace for bright annealing
Application 2	Purification system
Application 3	Stainless steel industry
Application 4	Brazing application
Application 5	Continuous galvanizing lines

Warranty	1 +1 year extended warranty
Working Temperature	10 °C to 35 °C
Working Humidity	≤ 90 %
Power Supply	440 Volts, 50 Hz, A.C., Three Phase (can also be designed as per specific requirement)

Salient Features

- Most preferred way for on-site generation of hydrogen gas for industrial purposes
- Very cost-effective substitute for water electrolysis plants in terms of power, capital cost and running cost
- Efficient control panel to set important operative parameters easily
- Aesthetically and ergonomically build machine for best performance
- Produced in an advanced state of the art manufacturing facility
- World class bought out items for optimum operations
- Efficient control panel to set important operative parameters easily
- Designed to work 24 hours, round the clock
- Operator friendly machine, hence easy to operate and maintain
- Low maintenance and operating cost
- Sturdy design to ensure long life and trouble-free operation

Send your inquiry now

Our Range of Air & Gas Processing Equipment

- Medical Oxygen Gas Generation Plant
- Industrial Oxygen Gas Generation Plant
- Industrial Nitrogen Gas Generation Plant
- Biogas Upgradation / Purification Plant
- Ammonia Cracker Plant

About Labh Group

Labh Group is a global engineering and technology-driven industrial conglomerate with headquarter in India. We provide complete end-to-end next-generation smart, innovative turn-key solutions to diverse industries across the globe. With **30+ years** of rich experience and presence in **100+ countries**, we have helped **10000+ customers** to excel and outperform in their industry.

Leveraging over an experience of around three decades, we continuously reinvent to help our customers achieve better results and create a more sustainable world for our current and future generations.

Living by our core values of excellence, respect, care and joy, we at Labh Group are committed to provide best advice, best quality products, at the best price with the best service, always!

We help our customers write their future!
We are LabhGroup!



(Click to watch our corporate video)

8 Outstanding benefits our customers enjoy



1. Expert guidance

Get the best advice from our experts to help you make the right decision



2. Complete turn-key Solutions

Our state of the art end to end one stop 360 turn-key solutions for smooth execution



3. Most competitive price

Very reasonable price for a long term win-win partnership



4. Best quality machines

Optimally designed high quality machines for best performance and long working life



5. Installation & Commissioning

Smooth and perfect installation by our expert technician at your site



6. Automation and upgradation

Increase productivity & profitability with our advanced technology



7. Knowledge Sharing

Stay ahead of your competitors with our latest industry development and trend mailers



8. Lifetime Support

Prompt and efficient after-sales support by our dedicated technical team through email, call or site visit

Our Global Presence



30+
Years of rich experience

100+
Countries - Global presence

10000+
Delighted customers

Get In Touch

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