



Food, Beverage and Industrial Grade CO₂ Plant

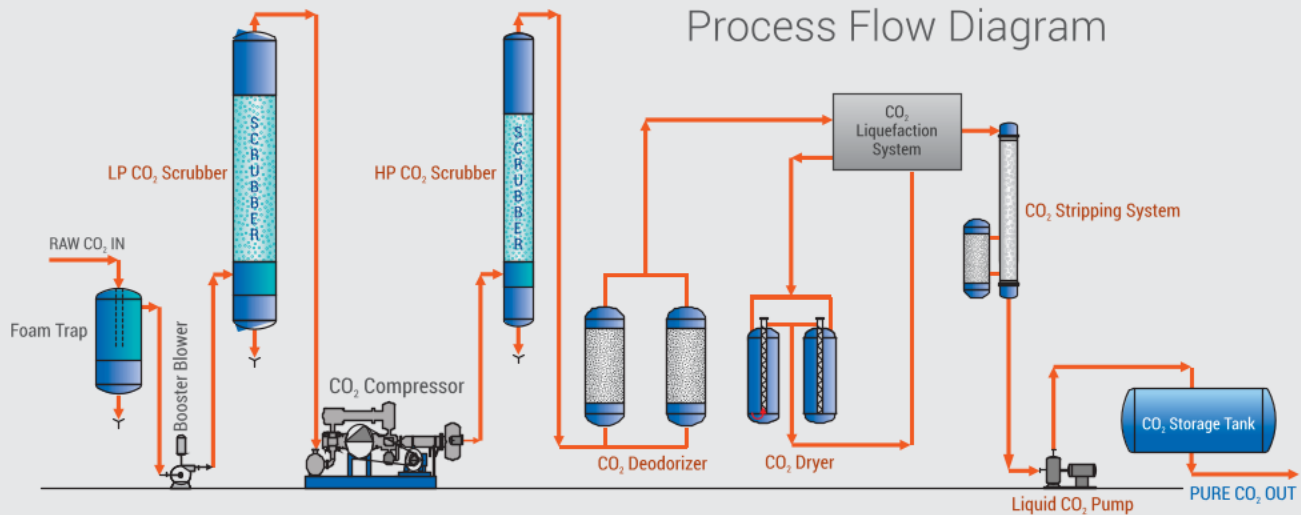
Praj is one of the global leaders in ethanol technology. Praj has over 1000 successful references in more than 100 countries to its credit. We have extensive industry experience of installing alcohol plants based on variety of starch and sugar based feedstock. Praj has an extensive expertise to produce, recover, compress, purify and liquefy CO₂ from fermentation in distilleries. Praj is committed to develop innovative technologies to maximize value creation through capture of co-products.

Backed by three decades of strong industry experience, Praj offers advanced technology for CO₂ recovery & liquefaction plants based on raw CO₂ gas generated from molasses or grain based distillery plant. Our expertise includes process design, basic & detailed engineering, manufacturing, plant

commissioning and end to end project solutions. Our multi-location manufacturing facilities, largest resource base of professionals and marketing network across several geographies makes us the preferred technology partner to our customers. Our technological and engineering strength coupled with in-house manufacturing enables us to provide customized solutions to match raw gas availability for capacities upto 150 MTPD.



Process Flow Diagram



Praj Technology Offerings:

- CO₂ of Food Grade Quality (ISBT Compliant)
- Beverage Grade CO₂ as per International Norms
- Industrial Grade CO₂ Plant
- Environment Friendly Technology
- Low Production Cost / Ton of CO₂
- Fully Automated PLC based Plant
- Different Capacities Storage Tanks
- Skid Mounted Units
- User Friendly & Trouble Free Operation
- Highly Reliable Operation
- Designed to Internationally Accepted Standards
- Total Project Solutions
- Customized CO₂ Plants to Meet Your Specific Requirement
- Non distillery Based CO₂ Plants can be Offered

ECO₂PURE-I.S

Beverage grade CO₂ from industrial source

ECO₂PURE-F.S

Beverage grade CO₂ from fermentation source

Praj Technology :

Keeping in mind specific needs for product quality, energy consumption

- Our Technology Offers Cost Effective Recovery Plants
- High Product Purity up to 99.998% v/v
- Higher Efficiency with Ease of Operation & Less Maintenance
- Higher Performance with Low Operating Cost
- ISBT Member

Praj's CO₂ Plant References :

- Emperador Distillers 100 TPD CO₂ Plant in Philippines
- U.B Lanka, Brewery based CO₂ Plant
- Bhutan Breweries Pvt Ltd
- Sikkim Breweries

Note: Above references include engineering Integration with Breweries done by Praj.

Praj Worldwide

Across **5** Continents

Over **100** Countries | More than **1000** References



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