

Industrial Alcohol Plants from Praj

Diversify your products to Pharma, Beverage and Industrial alcohol

Sustainability is the core of the fuel ethanol industry across the world. Whether combating climate change or helping increase farmer income, fuel ethanol has helped sustain the planet and provide for its people.

In the current pandemic situation, the ethanol industry can supply bio-based pharma grade alcohol to deter the spread of the virus. The uncertain demands for fuel ethanol for transportation has led to spare capacity which can be used to produce high purity alcohol.

The current fuel ethanol price fall has led producers to consider diversifying their products to premium grade alcohols like beverage and industrial grade alcohol.

As a leading technology partner of the global ethanol industry for over 30 years, Praj thus offers fuel ethanol producers an opportunity to diversify surplus fuel ethanol to produce pharma, beverage and industrial alcohol from a single plant.

Industrial and Beverage Applications



Alcoholic beverages



Cosmetic and toiletries



As a solvent for specialty chemicals



Electronic/semiconductors

Pharmaceutical applications



Hand sanitizers



Injections and syringe



Syrups, antibiotics, etc.

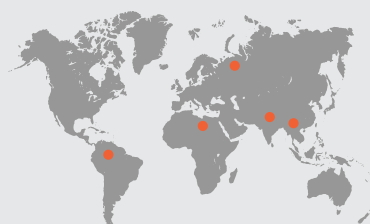


Disinfectant for medical/laboratory instruments and equipment

All uses and applications have their own specifications for purity of base alcohol. Given Praj's experience and expertise, the company can provide innovative technologies to offer flexibility to produce multiple grades of pure alcohol from a single plant.

References in Operation:

- More than 10 plants in Asia
- 5 plants in Europe
- 3 plants in the Americas
- 1 plant in Africa





Reducing carbon intensity of your fuel ethanol plant.

As a renewable biofuel, ethanol is an effective replacement for fossil fuel and helps reduce greenhouse gas (GHG) emissions. However, it is also important for ethanol producers to reduce the life cycle GHG emissions or carbon intensity of the ethanol production process. This is necessary because the pricing of ethanol is based on its carbon intensity—lower the carbon intensity, higher the price of the ethanol.

This has led to increased efforts across the globe to reduce carbon intensity of ethanol as much as possible since it directly affects its future pricing.

Praj is pleased to present its innovative technologies for ethanol producers to reduce the carbon intensity of ethanol.

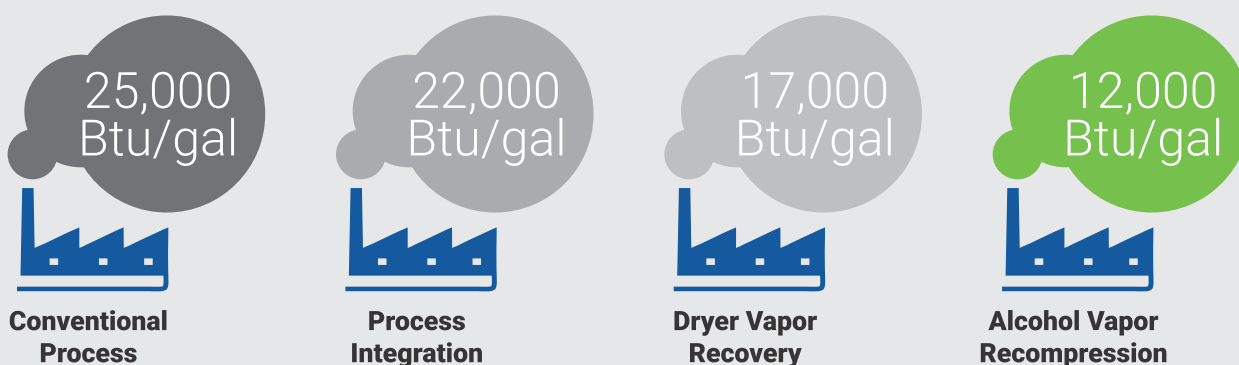
These technologies include -



The benefits of the proven technology are as follows-

- Minimum 30% reduction in thermal energy consumption.
- Minimum 30% reduction in water foot print.
- Reduction in overall emissions from dryer stack.
- Easily adopted on existing ethanol facilities.
- Facilitates 10-15% higher throughput.
- Ensures safe and reliable operations.

Praj's technology significantly reduces the carbon intensity of your fuel ethanol plant by lowering consumption of thermal energy.



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