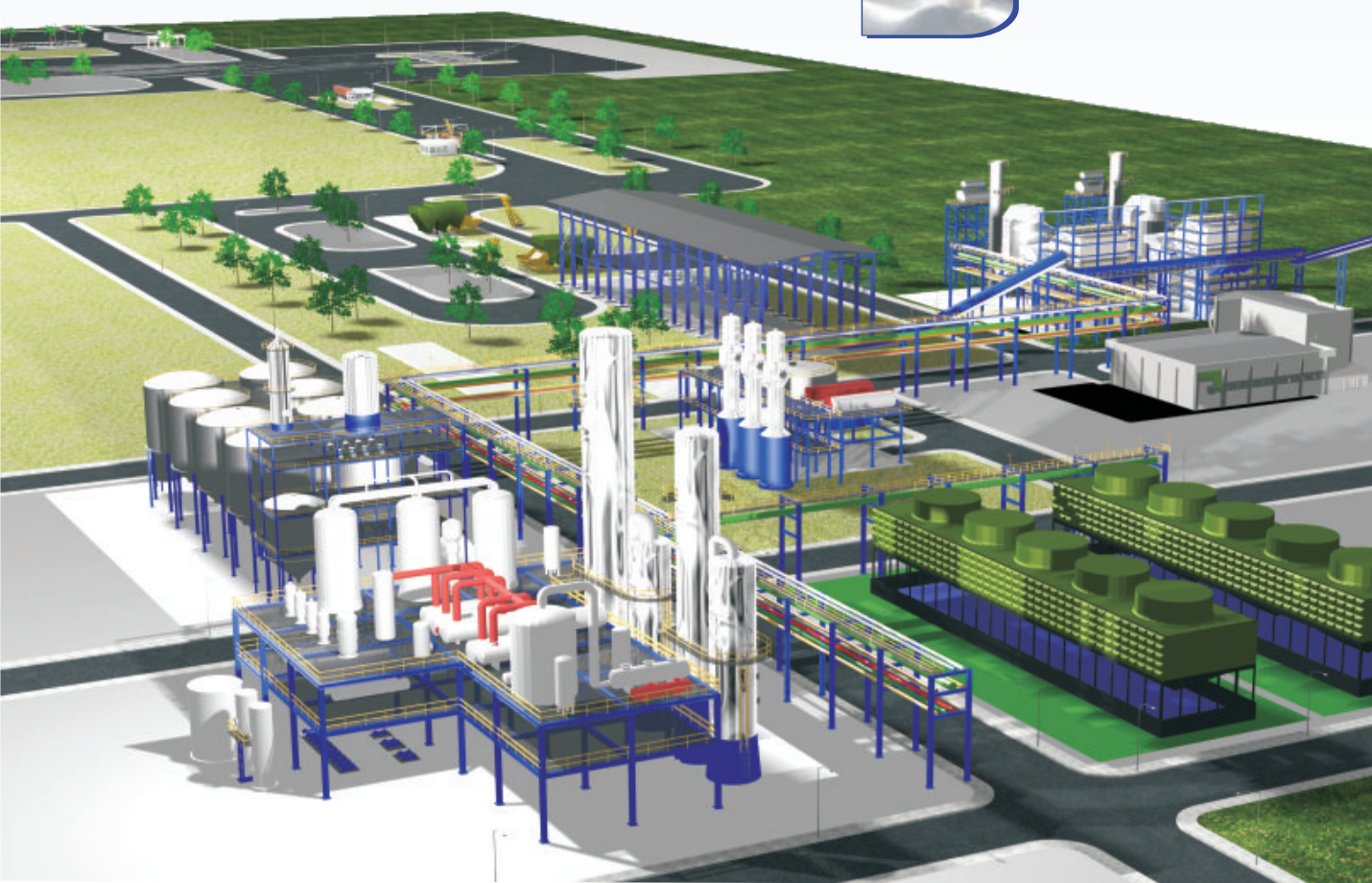
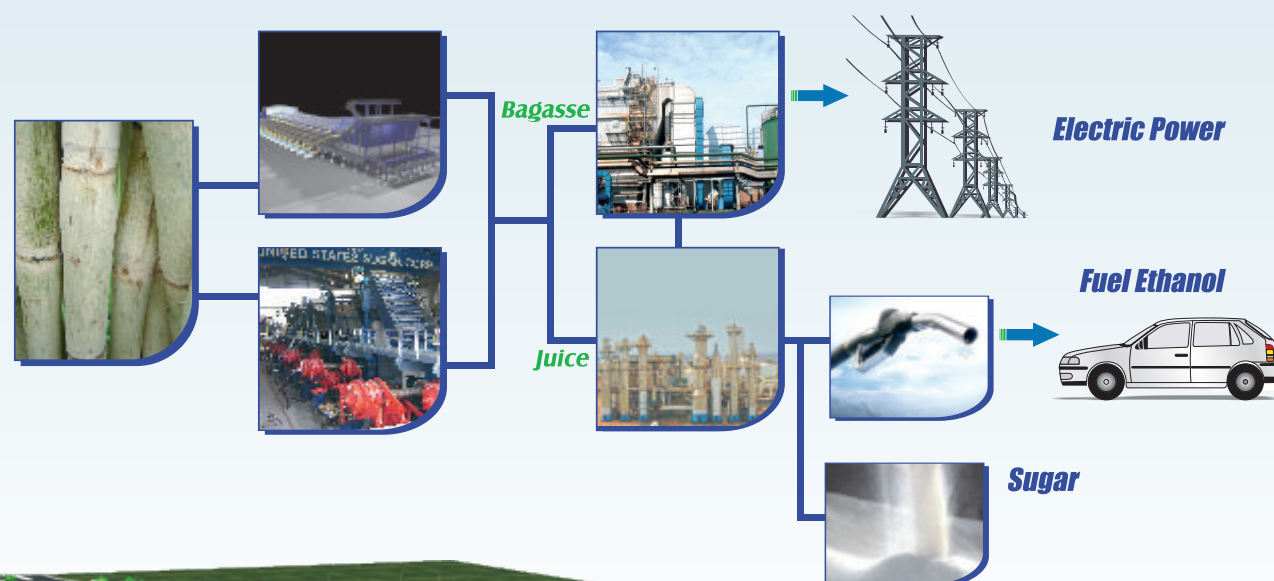


“Turn key” Plants

Dedini supplies Green Field plants on “Turn key” basis, with maximum advantage of raw material and maximum production of clean and renewable energy.

Dedini supplies:

- Sugar and Ethanol Plants
- Ethanol Plants
- Sugar Factories
- Sugar Refineries (Amorphous/Granulated)



Dedini
is the largest supplier of
complete plants for
sugar production in Brazil
and abroad.

DEDINI



Sugar Plants

Piracicaba - SP - Rod. Rio Claro/Piracicaba, Km 26,3
Bairro Cruz Caiada - Zip code: 13412 -900
Phone: +55 (19) 3403-5470 Fax: +55 (19) 3403-3439
e-mail: equipamentos.aa@dedini.com.br

Maceió - AL - Av. Fernandes Lima, 4789 - Bloco 1
Zip code: 57057-000 - Phone/Fax: +55 (82) 3338-1800
e-mail: dedini.maceio@dedini.com.br

Sertãozinho - SP - Rod. Armando de Salles, Km 339
Zip code: 14160-000 - Phone: +55 (16) 3946-7100
Fax: +55 (16) 3946-7286
e-mail: dedini.sertaozinho@dedini.com.br

Jaboatão dos Guararapes - PE - BR 232, Km 13,14
Zip code: 54220-520 - Phone: +55 (81) 3452-2099
Fax: +55 (81) 3452-2324
e-mail: dedini.nordeste@dedini.com.br

DEDINI

www.dedini.com.br

BIO-Equipments and Plants

Dedini

Dedini is a company with 100% Brazilian capital, operating in the custom made capital goods sector since 1920.
With its own technology and from internationally renowned companies, Dedini operates at excellent levels of quality in engineering solutions and supplying of complete “Turn key” plants in several market sectors.

Facilities

Dedini's Factory Complex consists of 6 Industrial Units, located at 4 strategic points in Brazil.

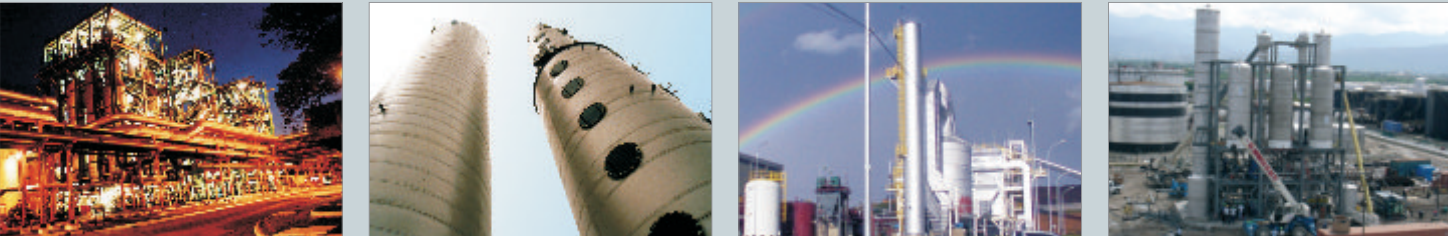


Market Served

- Sugar & Ethanol
- Food, Juice & Beverages
- Biodiesel
- Pulp & Paper
- Breweries
- Cement
- Energy & Co-gerenation
- Fertilizers
- Hydroelectrical
- Mining & Metals
- Oil, Gas & Petrochemical
- Chemical
- Steel Works
- Wastewater Treatment Plants

Products & Services

- “Turn key” contracts
- Industrial Erection
- Cast Parts
- Industrial Automation
- Dished Ends



Engineering Solutions for all types of sugar

- VHP Sugar
- Amorphous
- Refined
- Liquid



Juice Treatment

- Heaters
- Evaporators
- Settlers
- Filters
- Regenerators
- Sulphitators



Sugar Manufacture

- Juice Heaters
- Clarifiers
- Rotary Vacuum Filters
- Evaporators (Robert/Falling Film)
- Condensers
- Seeders
- Vacuum pans - Batch
- Vacuum Pans - Continuous
- Crystallizers
- Centrifugals (Automatic / Continuous)
- Sugar Driers (Vertical/Horizontal)
- Sugar Conveyors



Directly Refined Dedini - DRD

This new technology allows sugar to be obtained recording to refined standard directly from sugarcane juice at a lower investment, reduction in production and maintenance costs, fewer losses, lower energy consumption and with assurance quality.

Advantages of the new DRD Process

- Allows to obtain sugar of a color up to 45 ICUMSA to be obtained with a single crystallization stage and therefore:
- Lower energy consumption;
- Lower cooling water requirement;
- Low manpower requirement;
- More compact installations in a single plant, thus eliminating investment in the refinery;
- Eliminates the need for handling crystal/VHP sugar that is already stored/stocked, thus reducing process and sugar handling losses;
- The system is suited to the reality of the market, with modern equipment and dominated technology, eliminating the need for imported components;
- This is an integrated solution, and not only equipment that operate without synergy;
- In another application, the DRD process can be used to guarantee the production of a certain quality of sugar throughout the entire season, when the refined standard is not the aim, (for example, crystal type I), eliminating or reducing the influence of rain, raw material quality, unscheduled stoppages, etc.



Refined Sugar
without
Refinery