

Introduction:-

IAS Trade Zone (Pvt) Ltd is established to serve the Process Industries not only supplying Spare parts from China / western countries but complete equipment's and Complete Plants of various capacities from our world renowned Chinese/European Principals.

Our network consisting of highly reputable manufacturers and suppliers around the globe enable us to provide the best quality products, latest technology and support to our clients.



Business & Vision



We are leading supplier of electrical, mechanical and other industrial items to process industries around the world.

Our goal is to be recognized as "The best solution providers". **IAS Trade Zone (Pvt) Ltd** is a technology and service driven company which sets high standards for quality and competence. **IAS Trade Zone (Pvt) Ltd** is a company with spirit to provide best solutions to the Sugar Industry Cement industry, Oil & Gas Sector, Power Plants, Fertilizer & Allied Industries with the supply of spares, new equipment from the world renowned principals. We desire to serve the Process Industries with supply of complete plants, Mechanical Equipment, Electrical equipment, spare parts, Consumables, Technical Consultancy, maintenance and other services.

We are based in Islamabad and our team is serving industries since over decades with professionals possess great expertise and knowledge about maintenance and procurement requirements of process industries. You can rely on us for your all procurement/ requirements of European/Chinese equipment and spare parts. We supply exact replacement and new industrial products to our clients from the same manufacturers as per their requirement.

Global Presence:-



IAS Trade Zone (Pvt) Ltd
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Al Anayat Mall, G-11 Markaz
Islamabad- 44000-Pakistan.
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Fax : +92-51-2361408



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P8-08-44, P.O Box. 513642,
Sharjah Airport International, Free Zone, Sharjah.
United Arab Emirates
Tel : +97165231717
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Quality Policy

We are committed to deliver high quality products, services and sustainable technology solutions, by meeting applicable requirements to create satisfied and loyal customers. We strive to meet our customer expectations.



Why Choose us.. ?

- Our Team has more than 35 years of experience in supply of original spares, equipment, machinery and solutions to process industries.
- We have partnered with many European/ Chinese manufacturers to ensure competitive prices and our own strategical location enable us to offer unmatched services.
- Guaranteed most competitive FOB and CFR Prices with proper documentation (certificate of origin, certificate of conformity etc) and best freight charges.
- Prompt reply on all enquiries and exact replacement for obsolete items.
- Minimum delivery period with flexible payment terms.
- Ex-Stock delivery of many spares & consumables (please ask us if there is any requirement).

Product Range:- Juice Extraction.

Milling Section

We can supply all cane handling equipment / preparation equipment such as cane unloader , feeding table, cane kicker, cane cutter, Fibrizer, chopper and cane carrier with variable frequency drive system.

The sugar cane Milling tandem can be supplied with 3 Roller, 5 Roller, 6 Roller Mill with Planetary gear drive systems. Also included is the bagasse carrier and return bagasse carrier.

We provide cost effective solution and bring state of art of technology, maximum efficiency giving high reliability.

Cane Milling Features:

- Robust heavy-duty housing
- Pin-type construction for easy assembling and dismantling
- Suitability of cane feed with Dounelly Chute

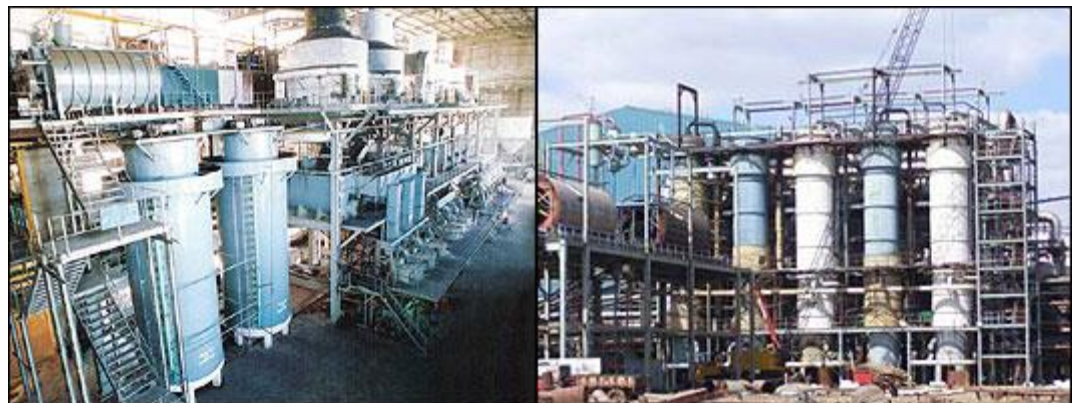
Advantages:

- Low power consumption
- Less re-absorption
- High extraction of juice with low operational cost
- Less maintenance
- High throughput
- Low bagasse moisture
- Low sugar loss in milling
- Flexibility for further expansion



Process House

- Steam Transformer
- Clarification System
- Evaporators System
- Vacuum Pans
- Centrifugal Machines
- Sugar Drying Equipments
- Surface Condenser
- Bagacillo Tumbler



Mill Automation

Auto Cane Carrier Control

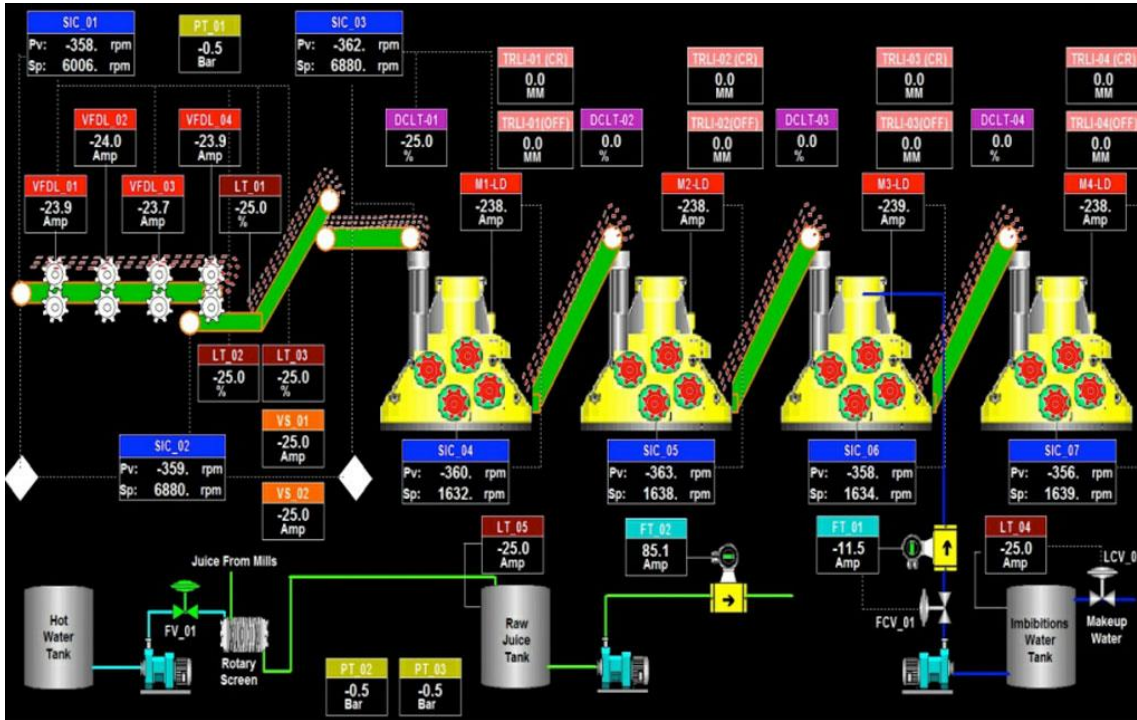
Donelly chute level control, Rake carrier speed & Cane carrier speed are controlled. The loads of kicker, leveler and cutter are continuously monitored and controlled by varying the speed of cane carrier when the load exceeds the set point.

Mill Speed Control

The crushing is proportional to Mill Speed. According to crushing rate mill speed set points can be given. When the load current or donelly chute increases, the Speed of the Mill can be decreased or vice versa.

Imbibition Water Flow

Based on the crushing rate, the imbibition water to the mill is controlled to achieve better performance in the Mill. (Reduction in pol% bagasse)



Complete Boiling Section

Juice flow stabilization system

The Juice from the Mill is measured using mass flow meter & constant flow is maintained to the inlet of Juice heaters. The Juice pumps are operated by VFD and speed is controlled in DCS

Automation for Juice section

The Juice from the Mill is measured using mass flow meter & constant flow is maintained to the inlet of Juice heaters. The Juice pumps are operated by VFD and speed is controlled in DCS.

We provide automation for to maintain the flow and temperature for each juice heater with following features:-

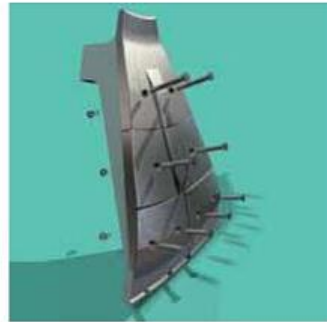
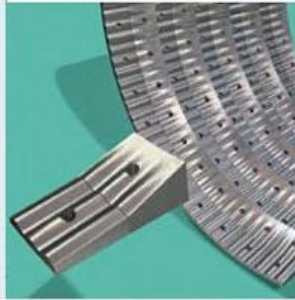
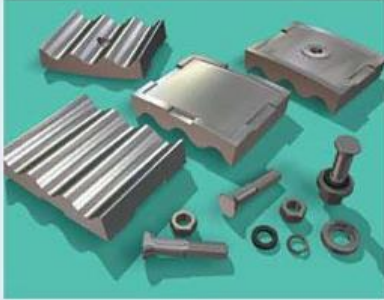
- The Juice temperature in Juice Heaters are measured and controlled as per the process setpoints in the DCS.
- The pH of pre-liming, shock liming and Final liming are measured and controlled in DCS/PLC.
- The sulphur burner melter temperature, VPC temperature, cooler inlet & outlet temperature, steam pressure, Air flow control with respect to temperature, Sulphur spray using VFD are monitored and controlled in DCS.
- The Sulphited Juice temperature is monitored and controlled.

Advantage:

- Reduce the human error.
- Reduce the man power.

Special Castings

- Heat Resistant Material
- Wear Resistant Material

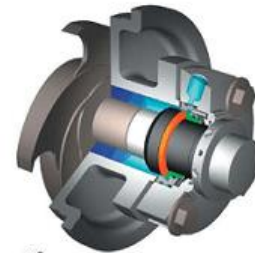


Mechanical Parts

- Gearboxes
- Geared Motors
- Filters
- Valves
- SEALS
- Heat Resistant Material
- Blowers
- Compressors
- Actuators
- Pumps
- Oil Coolers
- Bearings
- Couplings
- Pneumatic parts
- Hose



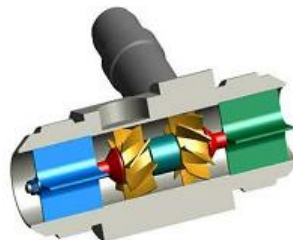
Gearbox / Geared Motors



Couplings

Filters

Valves



Electrical

- Motors
- Circuit Breakers
- Solenoid Valves
- Automation parts
- Modules
- Cables
- Carbon Brush
- Starters
- Panels
- Fuses
- Relays
- ABB,AEG & SIEMENS parts

ABB



SIEMENS



Instrumentation

- Thermocouples
- Transducers
- PLC
- Complete range of all instruments



Automation

- Touch Screen
- Switches
- Kiln Camera
- Lynx Camera
- Spyrometer
- Flow meters
- Socket



The best solution providers.

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