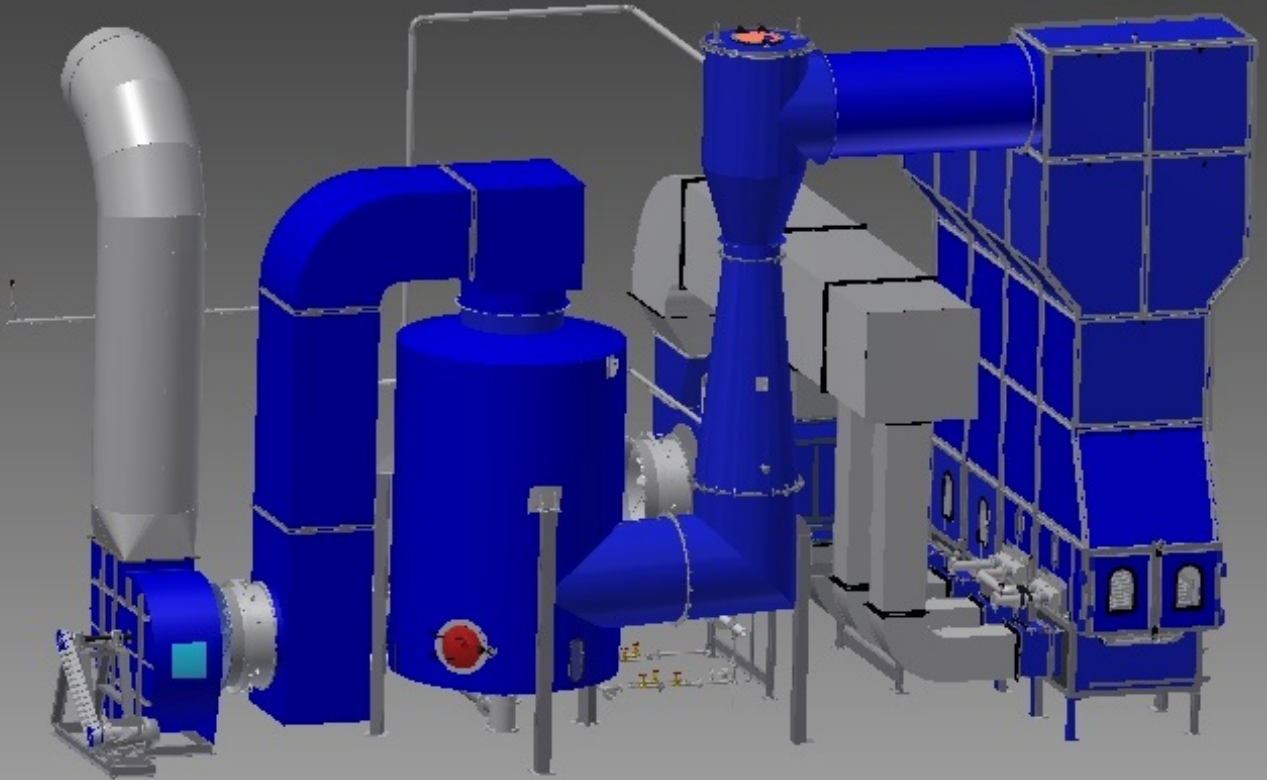




Est. 1976



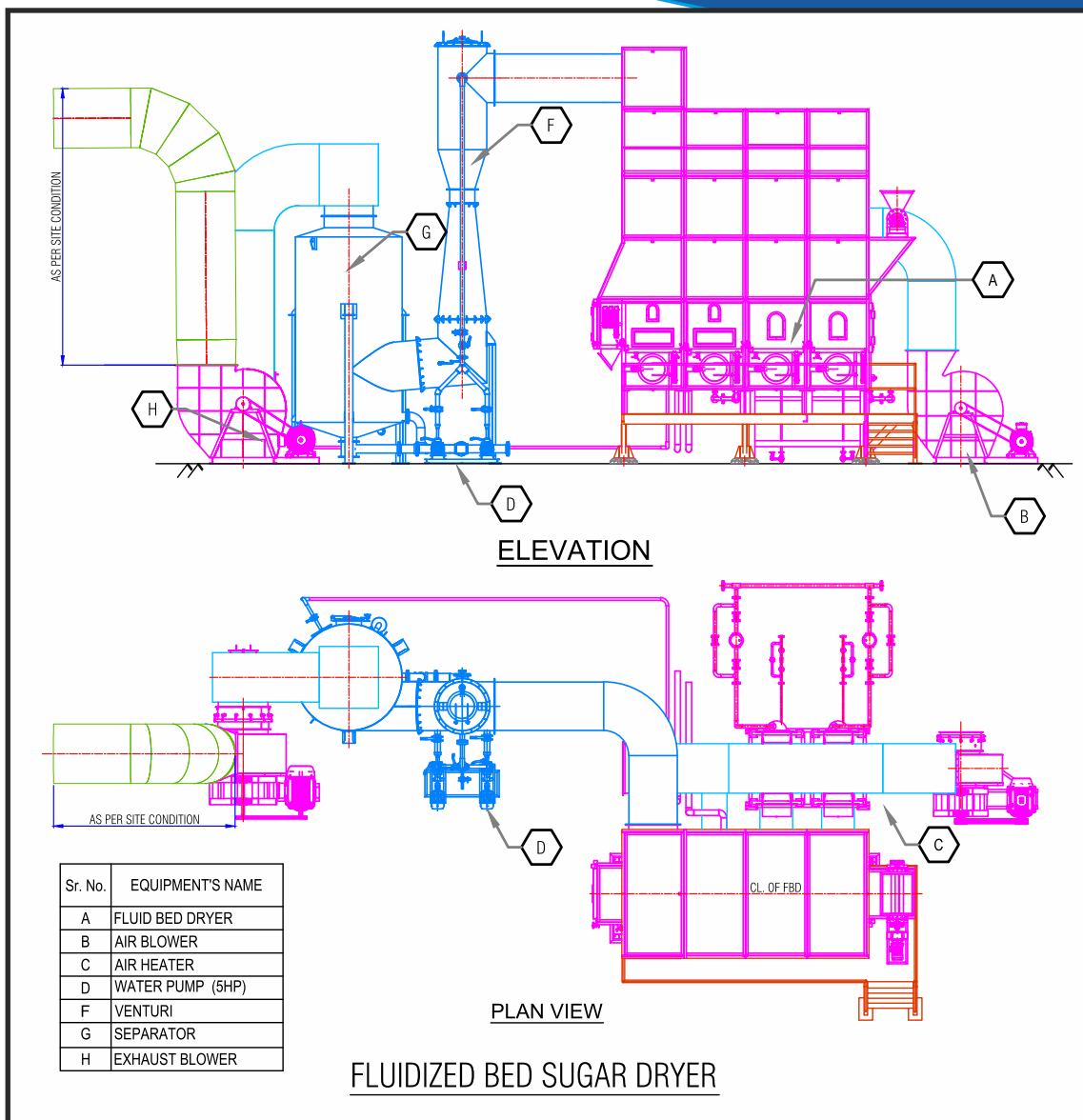
## SHRIJEE FLUIDIZED BED SUGAR DRYER (FBD)

Fluidized bed dryer is an equipment used widely in the sugar industry to reduce the moisture content of sugar discharged from centrifugals. The equipment works on a principle of fluidization of the feed materials. In fluidization process, hot air is introduced through a perforated bed of moist solid particulate. The wet solids are lifted from the bottom and suspended in a stream of air (called fluidization). Heat transfer is accomplished by direct contact between the wet solids and hot gases. The vaporized liquid is carried away by the drying gasses. Shrijee FBD is stationary equipment ranging in capacity from 15T/hr to 60T/hr along with dust catching system.

### ADVANTAGES OF FBD

- Intimate contact of hot air and solids result in high heat transfer co-efficient. This makes the drying system compact
- Unique and thermally efficient design of embedded Heat Exchanger
- Lower capital costs
- No Moving parts, stabilized operation and negligible maintenance
- Moisture reduction from 1.0% to 0.03-0.05%
- Sugar temperature is close to wet bulb temperature of air. This allows gentle drying without Caramelization of sugar
- The gentle drying and cooling process brings an excellent product quality
- Efficient dust catching system

47 YEARS OF SUGAR TECHNOLOGY EXCELLENCE



## SHRIJEE'S PRESTIGIOUS CUSTOMER LIST

	CUSTOMER	CAPACITY	TYPE OF SUGAR
1	PT ADHI KARYA (Indonesia)	30 T/Hr	Refined Sugar
2	MITR PHOL GROUP (Thailand)	20 T/Hr	Refined Sugar
3	KON TUM SUGAR JOINT STOCK COMPANY (Vietnam)	25 T/Hr	Refined Sugar
4	WEST KENYA SUGAR CO. LTD (Kenya)	30 T/Hr	Raw Sugar
5	SUGAR CORPORATION OF UGANDA LIMITED (Uganda)	30 T/Hr	Raw Sugar
6	TUY HOA SUGAR CANE AND SUGAR JOINT STOCK COMPANY (Vietnam)	30 T/Hr	Refined Sugar
7	NGHE AN SUGAR LTD (Vietnam)	40 T/Hr	White Sugar
8	WONJI SHO A SUGARS (Ethiopia)	25 T/Hr	White Sugar
9	SHREE RENUKA SUGARS LTD (India)	30 T/Hr	White Sugar
10	COROMANDEL SUGARS LTD (India)	40 T/Hr	White Sugar
11	SHRI SAI PRIYA SUGARS LTD - NIRANI GROUP (India)	45 T/Hr	White Sugar
12	TRIVENI ENGINEERING & INDUSTRIES LIMITED (India)	50 T/Hr	Refined Sugar
13	TRANSMARA SUGARS (Kenya)	50 T/Hr	Refined Sugar

AND MANY MORE...

## 47 YEARS OF SUGAR TECHNOLOGY EXCELLENCE

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