



SUGAR | JAGGERY | BOILER | DISTILLERY
| OIL SEED & PULSES |



VAIBHAV INDUSTRIES

We believe in excellence...

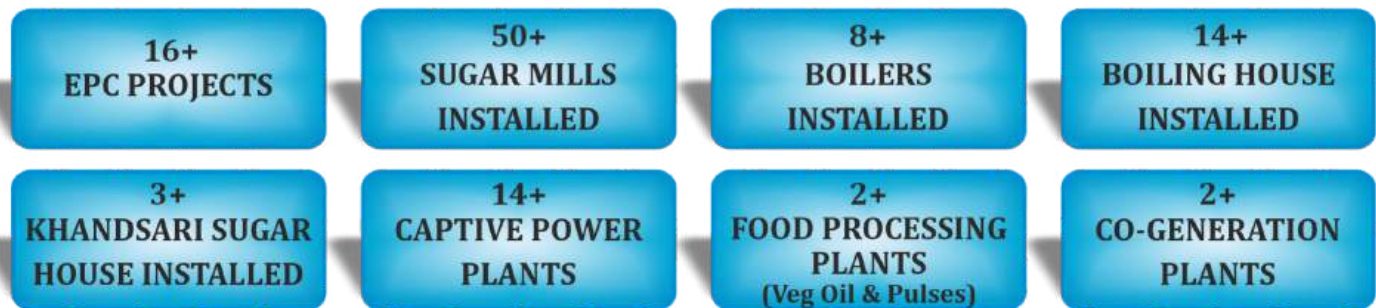


STATE OF THE ART INFRASTRUCTURE

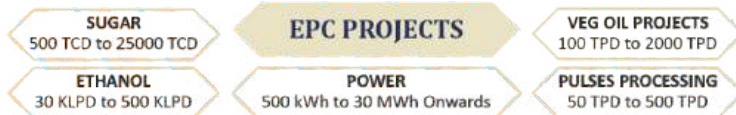


Vaibhav Industries, an ISO 9001:2015 certified and approved by National Federation of Co-operative Sugar Factories Ltd. company, incorporated in 2007, based at Latur, Maharashtra, India. We are engaged in the field of complete Sugar, Raw Sugar, Jaggery Powder, Jaggery, Sulphur less Khandsari Sugar, Ethanol Distilleries, Soya Solvent and Pulses Processing Projects.

We have always given the best quality robust design projects in the committed time period and machineries are manufactured with greater precision.



PRODUCT RANGE



BOILERS

- **TYPE-** WATER TUBE, FIRE TUBE, PACKAGE, STOKER, SPENT WASH INCINERATION, WHRB, AFBC, CFBC
- **CAPACITIES-** 5 TPH to 200 TPH
17.5 KG TO 125 KG UPTO 545° C

POWER GENERATION

- **TURBINE-** STEAM TURBINES, GAS TURBINE
- **FUEL-** BAGASSE, COAL, BIOMASS, OIL AND GAS FIRED
- **BOILER GRATES-** TRAVELLING, PINHOLE, PULSATING, DUMPING, RECIPROCATING

BOILING HOUSE

- SUGAR, RAW SUGAR, JAGGERY POWDER, SULPHUR LESS KHANDSARI SUGAR, JAGGERY BOILING HOUSE

SUGAR MILL HOUSE

- CANE PREPARATORY EQUIPMENT, COMPLETE MILL HOUSE, FROM CANE UNLOADER TO RBC



MANUFACTURING FACILITY
26,710 M²





UPCOMING PROJECTS

■ **2000 TCD**
 BOILER CAPACITY
 35 TPH 67 KG 510⁰C
 COGENERATION-6 Mw

■ **1000 TCD (2 Projects)**
 BOILER CAPACITY
 20 TPH 45 KG 410⁰C
 COGENERATION-2 Mw

■ **International Projects :**
Africa
 and
Indonesia

INSTALLED PROJECTS



1400 TCD
 Boiler Capacity - 25 TPH 45 Kg 410⁰C
 Turbine : 2 Mw



2000 TCD
 Boiler Capacity - 35 TPH 67 Kg 510⁰C
 Turbine : 6 Mw



1400 TCD
 Boiler Capacity - 25 TPH 45 Kg 410⁰C
 Turbine : 2 Mw



700 TCD
 Boiler Capacity - 15 TPH 45 Kg 410⁰C
 Power Turbine : 2 Mw



1000 TCD
 Boiler Capacity - 20 TPH 45 Kg 410⁰C
 Power Turbine : 2 Mw



700 TCD
 Boiler Capacity : 15 TPH 32 Kg 380⁰C
 Power Turbine : 1 Mw



600 TCD
 Boiler Capacity : 10 TPH 32 Kg 380⁰C
 Power Turbine : 1 Mw



1000 TCD
 Boiler: 25 TPH 45 Kg 380⁰C
 Turbine : 2 Mw



1400 TCD
 Sugar Mill House & Boiling House



200 TCD
 Boiler Capacity : 6 TPH 32 Kg 380⁰C
 Power Turbine : 250 Kw



60 TPD Hygienic Dal Mill
 Pulses UnLoading to Product Bagging
 Colour Sortex, Magnetic Separators



300 TPD Solvent Plant
 Boiler Capacity : 6 TPH 17.5 Kg



BOILER MANUFACTURING



5 TPH TO 200 TPH, 17.5 KG TO 125 KG , UPTO 545° C



20 TPH 45 Kg 410°C



35 TPH 67 Kg 510°C



15 TPH 45 Kg 410°C



High pressure boiler drum manufacturing.



Drum welding with Submerged Arc Welding (SAW).

Precision drum drilling and grooving



Water wall membrane Panels.

Manufacturing Economizer Coils



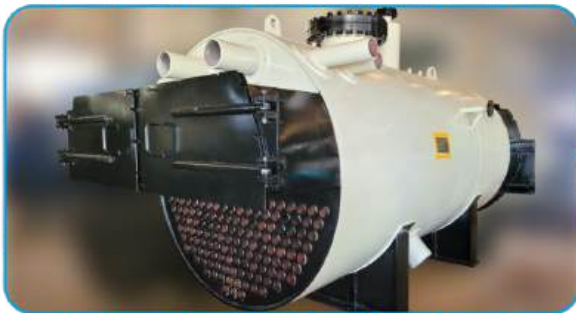


France Based Huron-Jyoti Make Vertical Machining Center



Sugar Mill
Machining Precision-
0.010-0.015mm

CNC booster
tube bending
machine



Package Boiler
Manufacturing

Boiler Panel
final inspection



Fiberizer-Better
prep. index. Less
power consumption

Cane preparatory
devices -leveller
& chopper





SUGAR MILLS

- ◆ Advance Mill Tandems from Size 16x24 to 60x120.
- ◆ Bagasse Pole achieved **1.80** with 3 roller & UFR mill.
- ◆ Sugar Mills are Specially Made in Cast Steel of grade 280-520W.
- ◆ Stress relieved, Ultrasonically tested Headstocks.
- ◆ Machining done in VMC with precision 0.010-0.015 mm, resulting lesser power consumption of mill.
- ◆ Scope for future expansion kept by default in mills.
- ◆ **BHARAT FORGE** shafts installed for longer life span.
- ◆ Manufacturing to commissioning of complete mill house - from Cane Unloader to RBC.

SULPHURLESS KHANDSARI SUGAR

- ◆ **VAIBHAV INDUSTRIES** is pioneer in manufacturing fully automated Sulphurless Khandsari sugar plants.
- ◆ Use of Crystallizers, Open pans, batch centrifugal machines, SS304 hoppers, elevator, graders, auto weighing, bagging and stitching machines.
- ◆ The process is completely non chemical and finished product is healthier than white sulphitation sugar produced in sugar plants.
- ◆ Khandsari Sugar has higher demand and better market price compared to regular white sugar due to chemical free process.



BOILING HOUSE

- ◆ Boiling house designed for lower steam consumption, resulting maximum bagasse saving and greater profitability.
- ◆ We hold patent over solid jaggery boiling house.
- ◆ We achieve rated crushing capacity from the first 2-3 days of crushing season.
- ◆ Tube plates are drilled on VMC to get precise pitch, tolerance within limit, zero bends and negligible stresses due to use of sufficient cutting oils.
- ◆ Pipe routing, valves, fittings, brought out material and fabrication/erection workmanship is of finest quality and we are setting industrial benchmarks with every new project.



ETHANOL DISTILLERIES



◆ We provide turn key solutions for ethanol production from sugar cane juice, molasses and sweet sorghum.

◆ Projects :

- Syrup to ethanol.
- B-heavy molasses to ethanol.
- Molasses to ethanol.
- Biomass to ethanol.

◆ Spent wash disposal :

- Through incineration boiler.
- Biomethanation + Dryer

◆ Capacities 30 KLPD onwards.

BAGASSE / BIOMASS ROTARY DRYER

◆ We provide biomass rotary dryers used for reducing the moisture content from the raw material which is having the moisture up-to 50%.

◆ The dried material can be used as a Biomass for heat generation, making Biomass pellets & Biomass Briquettes or for other purposes.

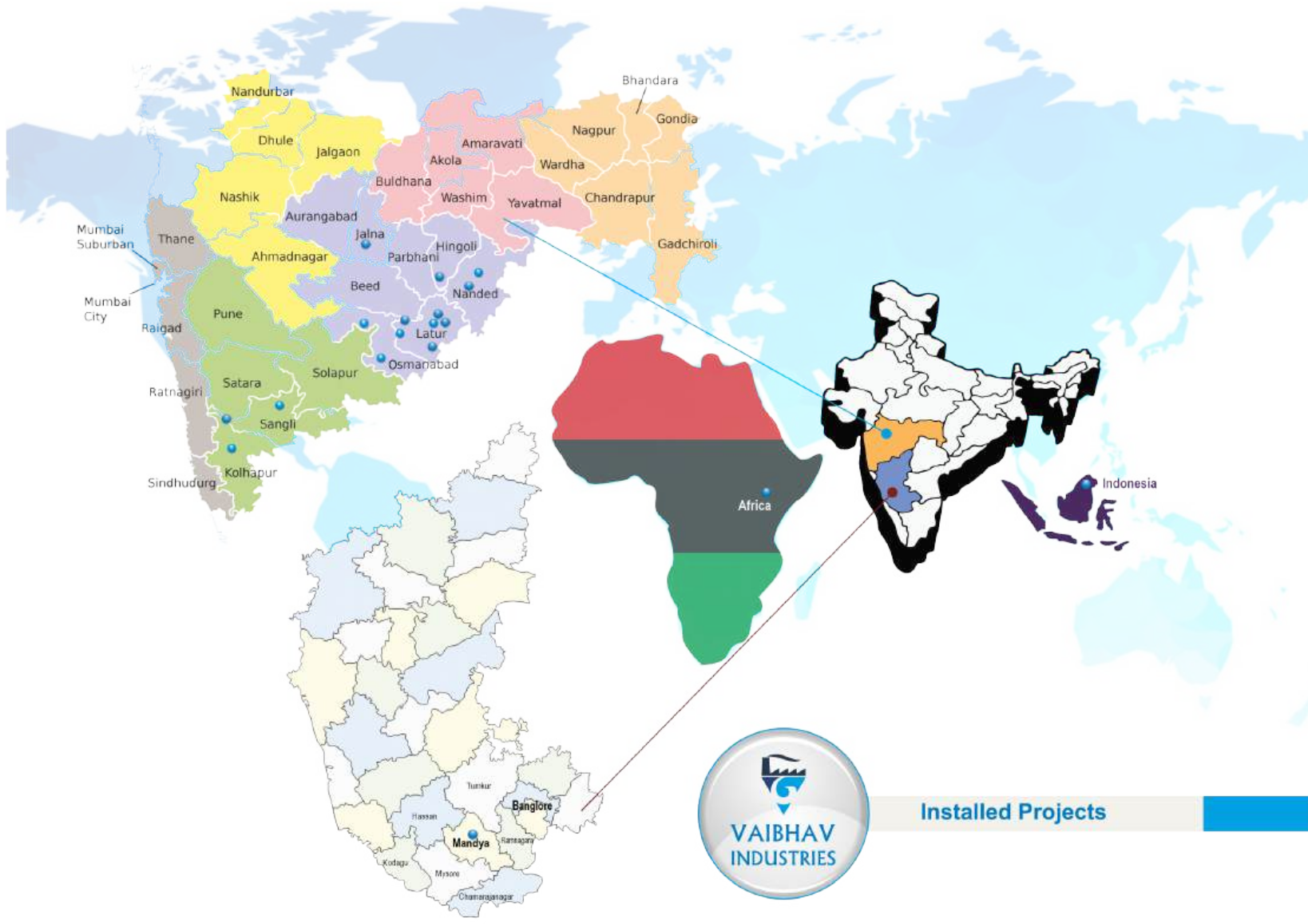
◆ Input moisture max 50%

Model No.	- Input Capacity
VGI-RBD 50	- Up-to 5,000 KG/HR
VGI-RBD 30	- Up-to 3,000 KG/HR
VGI-RBD 20	- Up-to 2,000 KG/HR



OUR TEAM





Installed Projects



SSGM-MIT GROUP



 B-78, Additional MIDC, Latur - 413531 (India)
 www.vaibhav-industries.com
 info@vaibhav-industries.com,
vaibhavindustries78@gmail.com
 +91 7030122951, 7030192572
+91 9975587500, 9975501509

