



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.

16+
EPC PROJECTS

50+
SUGAR MILLS
INSTALLED

8+
BOILERS
INSTALLED

14+
BOILING HOUSE
INSTALLED

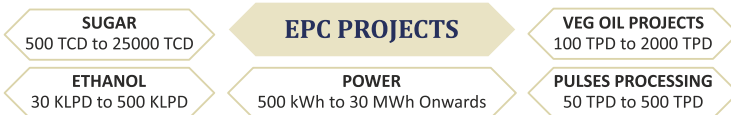
3+
KHANDSARI SUGAR
HOUSE INSTALLED

14+
CAPTIVE POWER
PLANTS

2+
FOOD PROCESSING
PLANTS
(Veg Oil & Pulses)

2+
CO-GENERATION
PLANTS

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

Unit-I
Machine Shop
3,500 M²

Unit-II
IBR Heavy Fabrication
5,000 M²

Unit-III
Heavy Engineering
10,117 M²

Unit-IV
Heavy Fabrication
8,093 M²

UPCOMING PROJECTS

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

■ **1500 TCD**
BOILER CAPACITY
 25 TPH 45 KG 410⁰C
COGENERATION-2 Mw

■ **700 TCD**
BOILER CAPACITY
 16 TPH 45 KG 410⁰C
COGENERATION-1.5 Mw

INSTALLED PROJECTS



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 : 1.5 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 TCD
Khandsari Sugar



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

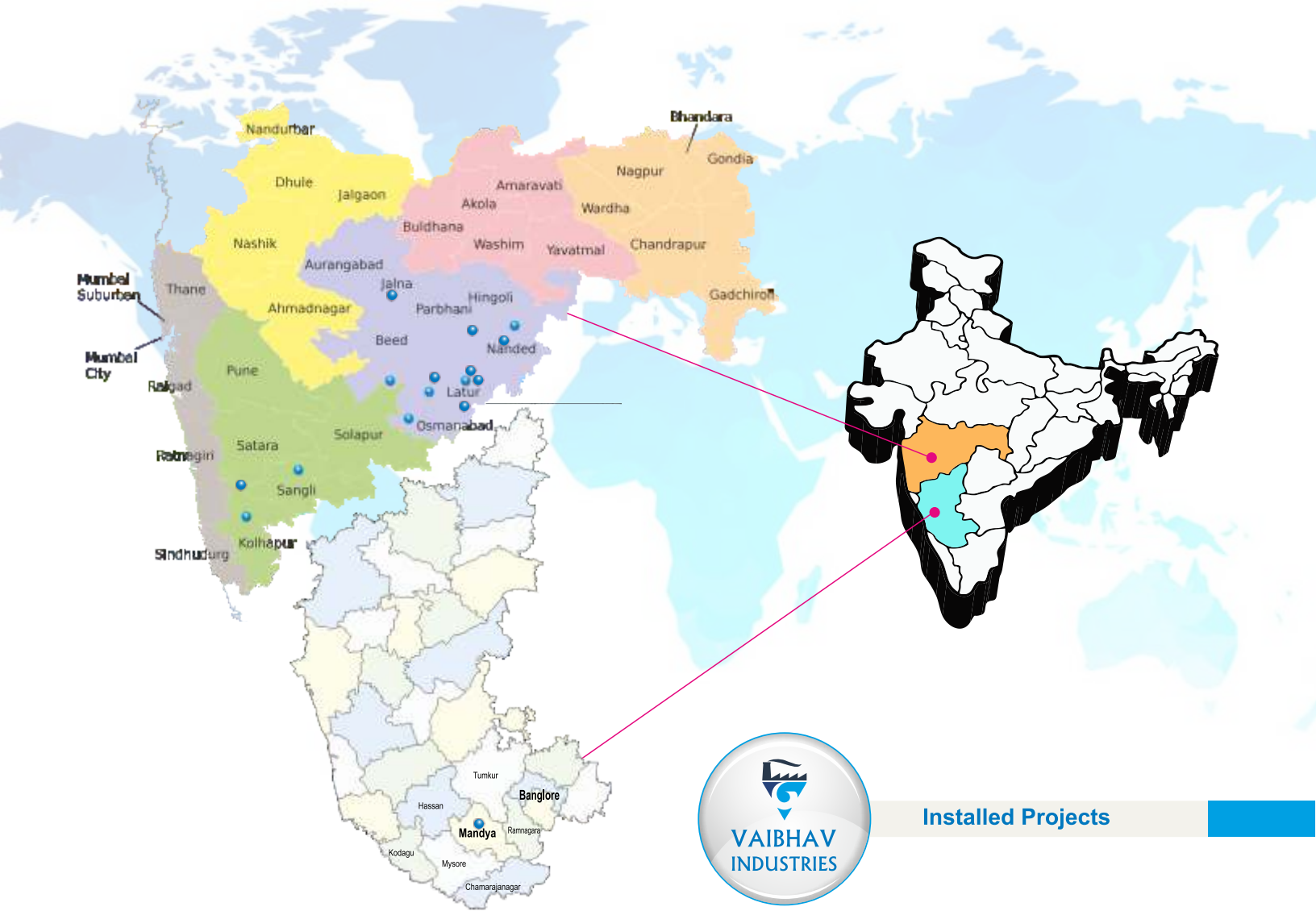
- ◆ We provide biomass rotary dryers used for reducing the moisture content from the raw material which is having the moisture up-to 50%.
- ◆ The dried material can be used as a Biomass for heat generation, making Biomass pellets & Biomass Briquettes or for other purposes.
- ◆ **Input moisture max 50%**

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



📍 B-78, Additional MIDC, Latur - 413531 (India)

🌐 www.vaibhav-industries.com

✉ info@vaibhav-industries.com,
vaibhavindustries78@gmail.com

📞 +91 9960197100, 9420029527
+91 7620655519, 9604333682,

