



**PENNAR
INDUSTRIES**



VEESONS
A PENNAR BRAND

Steaming Ahead: Pioneering the Green Energy



PENNAR CORPORATE

Pennar Industries Ltd. is a Hyderabad-based publicly traded company with a turnover of Rs. 3,500 crore. It operates over 10 business units across steel, tubes, Pre-Engineered Buildings (PEB), solar, railway coaches, and auto components. With 9 factories and a robust workforce of over 2,500, Pennar is a significant industry player.

Globally, it has a manufacturing facility in Portland, USA, and a warehouse in Chicago, with Engineering Centers in Hyderabad and Vishakhapatnam.

Pennar is dedicated to "Total Customer Satisfaction Through Total Quality Management," ensuring all products meet the highest standards.

PENNAR BOILER BUSINESS UNIT (BU)

Pennar has tied up with VEESONS brand, utilizing its proven boiler design and technology. With over 5,200 successful installations worldwide, Veasons continues to offer exceptional reliability, quality, and performance.

By retaining Veasons' expert team in engineering, manufacturing, and service, Pennar guarantees unparalleled excellence. Our comprehensive range of boiler solutions includes:

- **Industrial Power Boilers:** We have supplied 136 units, including five 200 TPH grate-fired boilers to Thai sugar industries & in addition to that three nos. grate fired boilers (50 TPH & 12 TPH) as per the list attached and other prominent Sponge iron clients like Shyam Group, MSP Group, Silk Road Sugar, and JK Cements (cement WHRB) in INDIA.
- **Process Boilers:** With over 5,000 units delivered, we have notable installations for APIT, Rolls-Royce Singapore, and various rice mills.

Our unwavering dedication to quality is underscored by our ISO 9001:2015 certification and the prestigious "Best Boiler Manufacturer" award at the 2020 India Industrial Awards.

Pennar continues to set industry standards, ensuring top-tier performance, timely delivery, and unmatched service. Experience the excellence of Veasons boilers with Pennar—where innovation meets reliability.



WE PROUDLY OFFER PENNAR'S TRIO OF INNOVATIVE BOILER SOLUTIONS: (IPP)



Waste Heat Recovery Boilers:

Unlock the potential of waste heat and convert it into valuable energy in Sponge Iron & Coke oven plant of Steel Industry! WHRBs optimize energy efficiency and reduce emissions.

Fluidized Bed Combustion Boilers

Experience the future of combustion technology! FBC boilers deliver superior fuel flexibility, reduced emissions, and exceptional reliability with high combustion efficiency



Traveling Grate Boilers

Discover the gold standard of combustion efficiency! TGBs offer unmatched fuel versatility, more flexibility, and unparalleled performance.

Palm fuel based Boilers

Efficiency manage fuels rich in Chlorine and Alkalis such as Palm Fibre, Palm Kernel Shell (PKS) & Empty Fruit Bunches (EFB) with Advanced design achieving high steam output temperatures and minimal pollutant production.



Also, Pennar can supply Slop / Spent wash (Vinasse) fired boiler, Municipal Solid Waste Boiler (MSW), Paddy Straw fired and Cement Plant WHR Boilers.

Boiler Business Unit has two key verticals

1. INDUSTRIAL POWER AND PROCESS (IPP)

a. Atmospheric Fluidized Bed Combustion Boilers



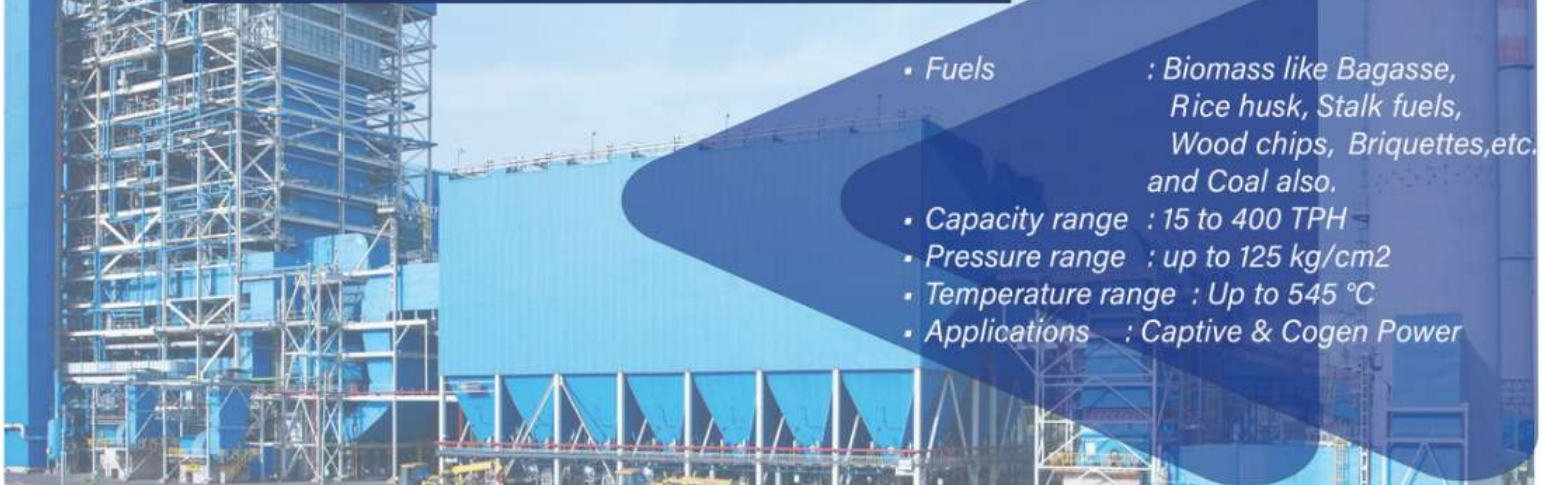
- Fuels : Coal, Char, Lignite, Petcoke & Rice husk
- Capacity range : 20 to 200 TPH
- Pressure range : up to 125 kg/cm²
- Temperature range : Up to 545 °C
- Applications : Captive & Cogen Power plants, Independent power plants, Process plants

b. Waste Heat Recovery Boilers (WHRB)



- Capacity : 5 TPH to 160 TPH
- Pressure range : Up to 125 kg/cm²
- Temperature range : Up to 545 °C
- Applications : Sponge Iron & Coke oven Plants, Blast furnace Plant, Cement Plant, Ferro alloy Exhaust

c. Grate Fired Boilers



- Fuels : Biomass like Bagasse, Rice husk, Stalk fuels, Wood chips, Briquettes, etc. and Coal also.
- Capacity range : 15 to 400 TPH
- Pressure range : up to 125 kg/cm²
- Temperature range : Up to 545 °C
- Applications : Captive & Cogen Power

d. Power Plants

Supply of Power plants on EPC basis shall be undertaken on selective basis.

2. PROCESS HEAT SOLUTIONS (PHS)

a. Integral Furnace Boilers



Fuels: Coal, Wood, Biomass
 Capacity: 1-6 TPH
 Firing: Manual
 Use: Rice Mills, Food, Textile, Paper, Chemicals, Pharma, Wood industries

b. Shell cum Waterwall Boilers



Fuels: Coal, Biomass
 Capacity: 4-25 TPH
 Pressure: 10.5-32 kg/cm²
 Firing: FBC, Grate
 Use: Rice Mills, Food, Textile, Paper, Chemicals, Pharma, Wood

c. Bi-drum Saturated Boilers



Fuels: Coal / Biomass
 Capacity: 6 to 25 TPH
 Pressure: 10.5 to 45 kg/cm²
 Firing: FBC & Grate
 Applications: Rice Mill, Food Processing, Textile, Paper,



STEEL - 151

INDUSTRY WISE BREAKUP



RICE MILLS
2979



TEXTILES
922



FOOD PROCESSING
407



CHEMICALS



PAPER
254



DRUG & PHARMA
141

OTHERS

325



Our Factory address :-

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