

LEADERSHIP IN PROCESS HEAT



Cocomax

Coconut shell fired packaged boiler



Thermax

A company with a track record of success in combustion of over 30 biomass and solid fuels, Thermax is a multi-divisional company with a strong manufacturing base. An ISO 9001 organisation, its core business is Process Heating focusing on Energy-Environment solutions.

With over 35 years of pioneering experience in process heating, Thermax has positioned itself to provide unique heating solutions on a staggering variety of fuels-of coal or biomass origin. An approach that is supported by an in-depth knowledge of the varying properties of different fuels based on extensive 'proximate', 'ultimate' and 'ash analysis' of more than 30 biomass fuels.

With over 1000 successful installations worldwide, this practical understanding of the subject has been more than proven commercially.

COCOMAX

This popular boiler has been specially designed to use crushed coconut shells as fuel. A packaged shell boiler, Cocomax burns this unique fuel with unmatched efficiency.

Unique Combustor

- Designed to prevent fuel falling below the grate. Thus, no burning of fuel below the grate bars
- Nozzle effect of air entering furnace
- Material used for grate bars contain high percentage of chromium
- Provision for mechanised fuel feeding system

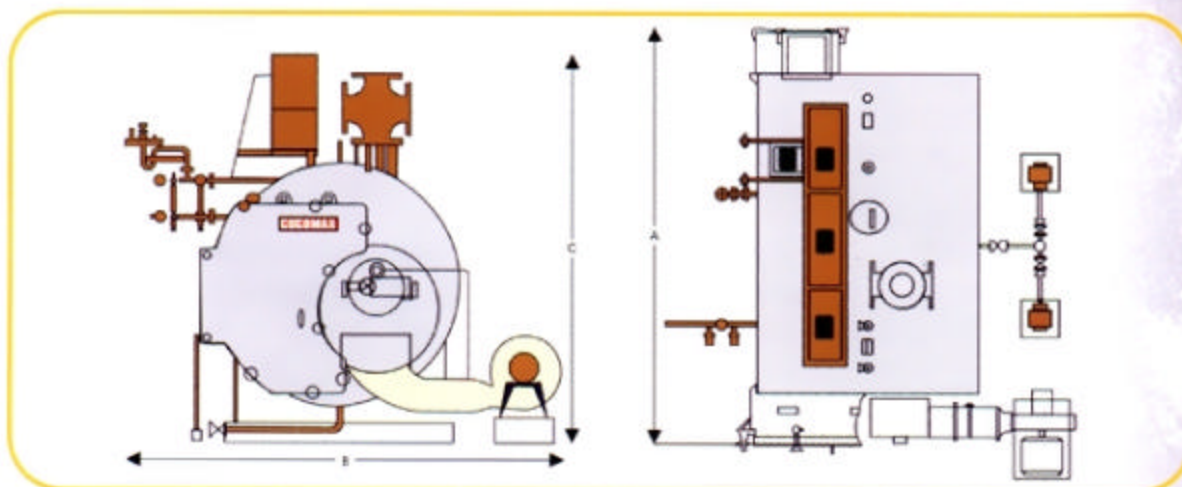
Components for global quality

Cocomax's components have been sourced from technology leaders worldwide to ensure excellence in performance:

- Feed water pumps (Grundfos, Denmark)
- Non return valves (Spirax, France)
- Safety valve (Moorco, UK)
- Quality certified boiler plates add to the strength and durability of Cocomax

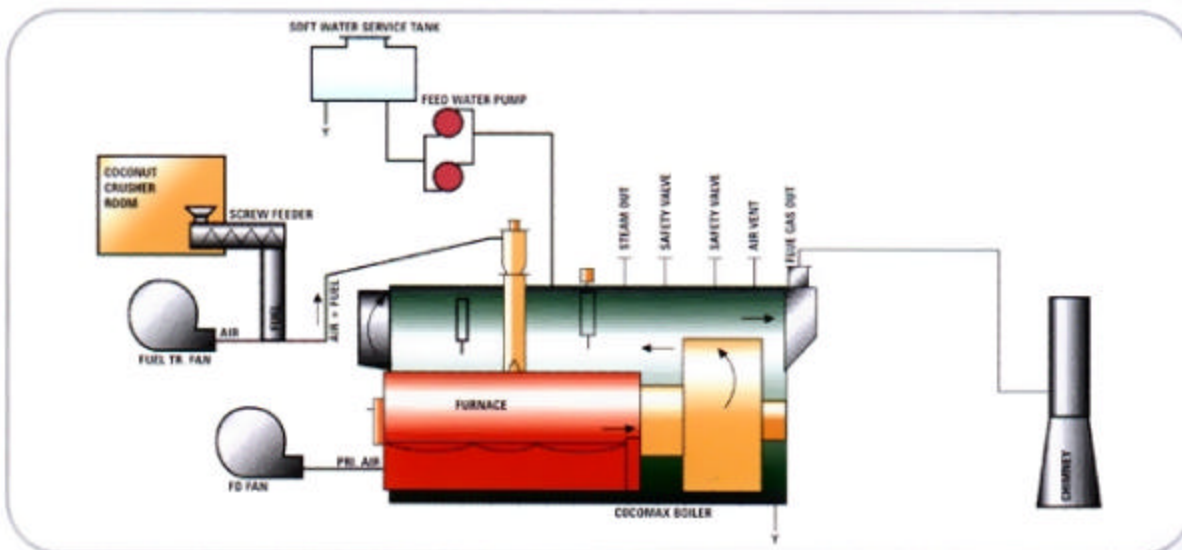


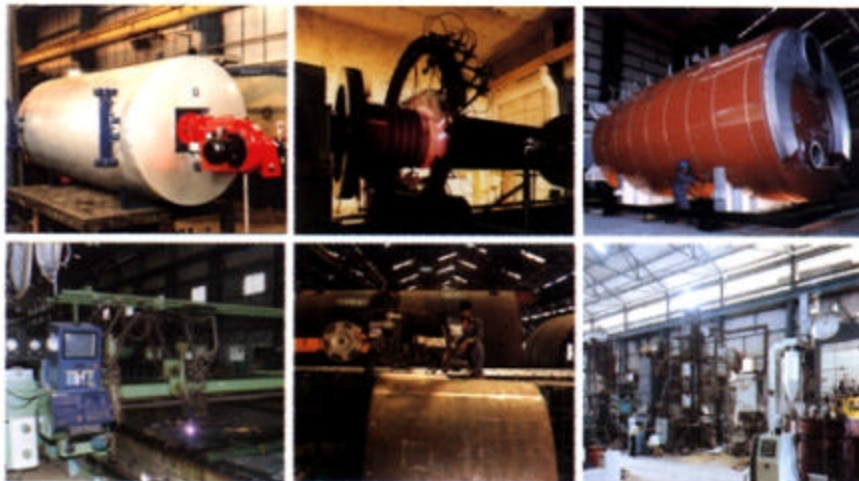
Dimensional details



Technical specifications

Details	Unit	CM 20	CM 30	CM 40	CM 50
OPERATING DATA					
Maximum output	Kg/h	2000	3000	4000	5000
Pressure (Safety valve set)	kg/cm ²	10.54			
Fuel		Crushed, Coconut Shells			
Minimum calorific value (GCV)	kcal/kg	4600			
Furnace type		Integral Furnace			
No. of fuel feed points		1			
Mode of ash removal		Ash Settling Chamber			
ELECTRICAL DATA					
Connected Load	hp	32	34.5	48.5	53.5
Feed Water pump (1W + 1 S)	hp	8	8	11	11
FD Fan	hp	12.5	15	20	25
Fuel Feed Fan	hp	10	10	15	15
Screw Feeder	hp	1	1	2	2
Control Panel	hp	0.5	0.5	0.5	0.5
OTHER DATA					
Fuel consumption	kg/hr	345	518	691	863
Dimensions (AxBxC)	mm	4700x4850x4000	4900x4900x4225	5200x5200x4500	5700x5500x4800





Manufacturing for excellence

Cocomax's winning edge comes from the excellence of its manufacturing standards. And the stringent quality checks that go into every stage of its making.

All backed up by ISO 9001 certified manufacturing capabilities that include 14 plants covering 66,000 sq. mts over a premise of 400,000 sq. mts. in Pune, India.

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