Higher Fuel Efficiency

Less Steam Generation Cost.

Turnkey System with HRU, MDC & Ducting.

Working Pressure From 10.54 Kgs/cm² to 17.5 Kgs/cm².
PERFORMANCE

Efficiency of solid fired boiler on N.C.V. is 75% plus with B.S./DIN tolerance on a very wide working range and higher figures are not uncommon. Steam of high purity and dryness fraction is generated as heat transfer surface in the boiler is judiciously accommodated.

CUSTOMISED INSTALLATION

Our boiler is tested before shipment including a complete check of controls. Energypack offer start-up adjustments to your fuel and steam load. Special training of operator is available. Capacity range 1000 Kgs/hr to 14,000 Kgs/hr.

STEAM RAISING TIME

After over night shut-down only twenty minutes are required to raise steam to maximum continuous rating from 5 Kg/cm² to 10.54 Kg/cm² (150 Psig) in standard package boilers. Standard design pressures are 10.54 Kgs/cm² & 17.5 Kgs/cm².
ERECTON & MAINTENANCE

‘Energypack’ Boilers are shop assembled and no special foundation is required. Each unit is a complete package ready for quick installation and connection to your service lines. For easy internal maintenance and cleaning, Manhole & Mudhole doors are well placed. Boiler tubes are easy to inspect as hinged front & back doors enable quick and easy maintenance, inspection or cleaning. Spares are easily available.

Unique Water Wall Design:
Higher heat transfer in radiation zone, reduced refractory work & lower flue gas entry temperature in convective zone ensures longer life & better efficiency.

Furnace Suitable for Variety of Fuels:
Specially designed cast iron grate bar for fixed grate ensures compatibility with different fuels like Coal, Wood, Briquette & Lignite.

Two Pass Convection Design:
Higher heat transfer area & lower temperature gradient due to two separate flue gas passes increases life of tube & avoids tube sagging due to very high temperature drop in single pass design.

### MEMBRANE WALL AGRO WASTE FIRED IBR BOILERS - Technical Specification

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<tbody>
<tr>
<td>STEAM OUTPUT TONS/HR (FROM &amp; AT 100 °C)</td>
<td>1</td>
<td>1.5</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>8</td>
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<td>FLUE GAS OUTLET MM</td>
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<td>450</td>
<td>500</td>
<td>600</td>
<td>700</td>
<td>750</td>
<td>800</td>
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<td>900</td>
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<td>I.D. FAN MMWG</td>
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<td>100</td>
<td>100</td>
<td>125</td>
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<td>F.D. FAN MMWG</td>
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<td>80</td>
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<tr>
<td>NUMBER OF PASSES</td>
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<td>3</td>
<td>3</td>
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<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
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<tr>
<td>STEAM BRANCH NB</td>
<td>50</td>
<td>65</td>
<td>80</td>
<td>100</td>
<td>100</td>
<td>150</td>
<td>150</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>250</td>
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<tr>
<td>WATER INLET NB</td>
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<td>40</td>
<td>40</td>
<td>40</td>
<td>40</td>
<td>50</td>
<td>50</td>
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<td>65</td>
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<tr>
<td>SAFETY VALVE (10.54 KGS/CM²)</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>40</td>
<td>40</td>
<td>50</td>
<td>50</td>
<td>65</td>
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<td>BLOW DOWN VALVE NB</td>
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OTHER PRODUCTS

IBR & NON IBR STEAM BOILERS

- Self Supported Chimneys.
- Hot water Boilers.
- Heat Exchangers (TEMA).
- Pressure Vessels (ASME).
- Waste Heat Boilers.
- Electrode Boilers.
- Dewaxing Autoclave Boilers.
- Incinerators.

WASTE HEAT BOILER

Energypack is fully equipped to make waste heat boilers for varieties of waste gases produced in different industries. Complete with heat transfer calculation on turnkey basis.

ENERGYPACK FORCED DRAFT BURNER SYSTEM

A safe efficient, reliable burner control system gives precise air / fuel mixture that saves your money every hour.

Utech Projects Pvt. Ltd.

Authorised Exclusive Marketing Agency of

M/S ENERGYPACK BOILERS PVT LTD

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