The AHT BMPP distinguishes itself with its exceptional level of performance and efficiency. Sometimes however this alone is not enough. It is for this reason that we have a flexible approach to the plant as a whole. It is implemented to suit individual circumstances and can be adapted to the needs of the customer. From the installation site through to the individually defined interfaces, e.g., for heat extraction, the AHT BMPP offers the flexibility every project demands.

**AHT MODEL RANGE**

<table>
<thead>
<tr>
<th>R 111</th>
<th>R 116</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 - 250 kW</td>
<td>400 - 500 kW</td>
</tr>
<tr>
<td>185 - 230 kW</td>
<td>360 - 450 kW</td>
</tr>
<tr>
<td>20 % (38 %)</td>
<td>30 % (38 %)</td>
</tr>
<tr>
<td>55 %</td>
<td>55 %</td>
</tr>
<tr>
<td>87 %</td>
<td>88 %</td>
</tr>
<tr>
<td>250 m³</td>
<td>350 m³</td>
</tr>
<tr>
<td>10 m</td>
<td>11 m</td>
</tr>
<tr>
<td>170 - 210 kg/h</td>
<td>340 - 425 kg/h</td>
</tr>
<tr>
<td>240 - 425 Nm³/h</td>
<td>580 - 800 Nm³/h</td>
</tr>
</tbody>
</table>

**DIMENSIONS (L x W x H in m³)**

- Reactor: 4.5 x 3.5 x 7.8
- Gas purification: 12 x 3.45 x 6.6
- CHP: 9.5 x 3 x 3

**FLEXIBILITY**

The AHT BMPP distinguishes itself with its exceptional level of performance and efficiency. Sometimes however this alone is not enough. It is for this reason that we have a flexible approach to the plant as a whole. It is implemented to suit individual circumstances and can be adapted to the needs of the customer. From the installation site through to the individually defined interfaces, e.g., for heat extraction, the AHT BMPP offers the flexibility every project demands.
INPUT MATERIALS

For the production of synthesis gas, a wide range of biomasses of coarse size can be used:

- Material size: 40 - 150 mm
- 20 mm thickness
- Low proportion of fine material
- Moisture content: 10 - 20 % atro
- Homogeneous, consistent fragment size

Currently applicable input materials include:

- Coarse wood chippings, manufactured in an energy efficient manner
- Waste from the woodworking industry
- Waste from the food industry
- Processed waste materials from agriculture, such as husks and chaff as well as coconut shells
- Rape seed cake, rape seed straw and maize straw, grain husks and chaff as well as coconut shells
- Waste from the woodworking industry
- Residual materials in compact form, such as residual wood from forests
- Wood from short rotation plantations
- Fine-input materials compacted into briquettes / large pellets
- Processed waste materials from agriculture, such as rapeseed cakes, rapeseed straw and maize straw, grain husks and chaff as well as coconut shells
- Waste from the wood industry
- Residual materials from agriculture, such as rapeseed cakes, rapeseed straw and maize straw, grain husks and chaff as well as coconut shells
- Waste from the food industry
- Residual wood from forests
- Wood from short rotation plantations
- Fine-input materials compacted into briquettes / large pellets
- Processed waste materials from agriculture, such as rapeseed cakes, rapeseed straw and maize straw, grain husks and chaff as well as coconut shells
- Waste from the wood industry
- Residual wood from forests
- Wood from short rotation plantations
- Fine-input materials compacted into briquettes / large pellets

Further biomasses have already been tested, e.g.:

- Residual materials in compact form, such as fermentation waste from biogas plants
- Residual wood from forests
- Wood from short rotation plantations
- Fine-input materials compacted into briquettes / large pellets
- Processed waste materials from agriculture, such as rapeseed cakes, rapeseed straw and maize straw, grain husks and chaff as well as coconut shells
- Waste from the food industry
- Residual wood from forests
- Wood from short rotation plantations
- Fine-input materials compacted into briquettes / large pellets
- Processed waste materials from agriculture, such as rapeseed cakes, rapeseed straw and maize straw, grain husks and chaff as well as coconut shells
- Waste from the wood industry

Visiting www.AHT-Energy.com to find out more about us.