Zhengzhou Whirlston Trade Co., Ltd

1. Established on Year 2003.

2. Already has been Alibaba's Gold Supplier for 3 years.

3. With oversea sales more than 50 people.

Major product

1. Wood/Animal feed pellet production line
   wood splitter, wood chipping machine, wood crusher, hammer mill, hot airflow type dryer, rotary dryer, pellet mill, cooling machine, vibration screener, packing machine, belt conveyor, screw conveyor, elevator, etc.

2. Biomass briquette production line
   wood splitter, wood chipping machine, wood crusher, hammer mill, hot airflow type dryer, rotary dryer, biomass briquette machine, packing machine, belt conveyor, screw conveyor, etc.

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Zhengzhou Whirlston Trade Co., Ltd

Briquette machine introduction:

※ It is one kind of processing equipment that can compress the agricultural or forestry waste into briquettes with smaller volume and bigger density through milling, dedusting, compressing and forming process.

※ The briquetting of biomass material can be easy for storage and transportation, the combustion value of straw briquettes increased more than 10 times. Its heat production and value are close to coal briquettes, so the biomass briquettes can be the substitute for energy production.
Biomass briquette machine

Apply for Agro. waste
1. corn straw, rice hull, peanut hull, sawdust
2. maize straw, wheat straw, cotton straw, rice straw, peanuts shell, corn cob
3. bean stalk, wheat stalk, corn stalk, cotton stalks, sunflower stalks, mustard stalk, rice stalks, coffee husk, cotton shell, peanut shell, rice shell, coconut shell.
4. Other agricultural waste.

Apply for Forestry waste
1. branch, leaf, sawdust
2. livestock and poultry's waste, tea waste, forestry wastes, forestry wastes, wood chips and many other organic waste.
3. wood waste, scobs, branch, palm tree, sugarcane residue, sawdust, medical slag, hay, discarded edible fungus bags.
4. Other forestry waste.

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Biomass briquette machine

WTRM Series Specification:

1. The machine can produce a special coal (High efficiency fuel) with many kinds of agriculture waste as raw material, such as corn straw, rice hull, peanut hull, sawdust and so on.

2. at the same time the material own low adhesion rate and it's easy to forming. The heat quantity caused by burning this fuel is equivalent to coal, and moreover, the quantity of carbon dioxide in smoke dust, especially the quantity of sulfur dioxide.

3. The cost is much lower than coal. The finished product mainly used as fuel in furnace, boiler and power plant, the clinker after burning was directly used as fertilizer.

4. It is especially confirmed to the world market of renewable compression biomass energy demand. It's also a kind of green energy machine which can satisfied world's needs.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Power</th>
<th>Pellet size</th>
<th>FOBQingdao</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>WTRM-36</td>
<td>800~1200kg/h</td>
<td>22kw</td>
<td>30mm</td>
<td>USD7250</td>
<td>with belt conveyor</td>
</tr>
<tr>
<td>WTRM-56</td>
<td>1800~2200kg/h</td>
<td>30kw</td>
<td>30mm</td>
<td>USD8150</td>
<td>with belt conveyor</td>
</tr>
</tbody>
</table>

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Biomass briquette fuel’s feature:

- Small volume, convenient of resistant to burn, storage and transportation,
- Volume is only 1/30 of the straw stalk, its density is 0.9~1.4g/cm³ can reach calorific value
- 3500~5500 calories, is high volatile between a solid fuel.
- Used as fuel in furnace, boiler and power plant, the clinker after burning was directly used as fertilizer.
- A green fuel

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Biomass briquette machine

- **WYYCB Series Specification:**
  1. With CE standard electric cabinet.
  2. Briquetting is a process during which biomass is compressed under high pressure and high temperature.
  3. The self bonding of biomass to form a briquette involves the thermo-plastic flow of the biomass. The lignin content that forms naturally in biomass is liberated under high pressure and temperature. Lignin serves as the glue in the briquetting process, thus no artificial binder need to be used.
  4. So the output briquette is a type of clean and green fuel that is ideal for use in furnaces, boilers and open fires.

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<tr>
<td>WYYCB116(with gearbox)</td>
<td>180~220kg/h</td>
<td>11+6kw</td>
<td>30~50mm</td>
<td>USD3700</td>
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<tr>
<td>WYYCB156</td>
<td>180~220kg/h</td>
<td>15+6kw</td>
<td>30~50mm</td>
<td>USD3450</td>
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<tr>
<td>WYYCB229</td>
<td>350~420kg/h</td>
<td>22+9kw</td>
<td>60~80mm</td>
<td>USD5550</td>
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</tbody>
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Biomass briquette machine

WYYCB116 with gearbox

WYYCB156 without gearbox

WYYCB229

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Biomass briquette machine

WYYCB Series products sample:

More pics:

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Biomass briquette machine

- **WFRCB Series Specification:**

1. Briquetting is a process during which biomass is compressed under high pressure and high temperature.

2. The self bonding of biomass to form a briquette involves the thermo-plastic flow of the biomass. The lignin content that forms naturally in biomass is liberated under high pressure and temperature. Lignin serves as the glue in the briquetting process, thus no artificial binder need to be used.

3. So the output briquette is a type of clean and green fuel that is ideal for use in furnaces, boilers and open fires.

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<tr>
<td>WFRCB110</td>
<td>100~150kg/h</td>
<td>11kw</td>
<td>30~50mm</td>
<td>USD2385</td>
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<tr>
<td>WFRCB150</td>
<td>150~200kg/h</td>
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<tr>
<td>WFRCB185</td>
<td>200~300kg/h</td>
<td>18.5kw</td>
<td>60~80mm</td>
<td>USD4800</td>
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Biomass briquette machine

WFRCB Series products sample:

More pics:

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Biomass briquette machine

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