FEECO is a leader in advanced thermal processing, including the custom systems for the drying of biomass, the production of biocoal and biochar, and the production and regeneration of activated carbon. For more information, contact us today: sales@feeco.com

**DRIED BIOMASS**

< 500º F

- Increased usability as a fuel source:
  - Ideal moisture content
  - Concentrated BTU value
  - Can be pelleted

**BIOCOAL**

500 - 800º F

- Synthetic form of coal:
  - Upgraded form of dried biomass
  - Burns cleaner than traditional coal
  - Can replace or be co-fired with coal

**BIOCHAR**

500 - 800º F

- Valuable soil amendment:
  - Powerful in soil restoration
  - Potential use in carbon sequestration
  - Roots in ancient civilizations

**PURE CARBON**

1000 - 1200º F

- Upgrade from biochar & biocoal:
  - Few uses
  - Can serve as a filler in plastic products

**ACTIVATED CARBON**

1750 - 1850º F

- Powerful adsorbent:
  - Extremely porous structure
  - Nearly infinite applications: air and water treatment, metal recovery, and more

**REGENERATED CARBON**

1650 - 1850º F

- Spent carbon can be regenerated:
  - Can be used in place of new
  - Powdered activated carbon is typically not regenerated, but disposed of

**MARKET VALUE**

- DRIED BIOMASS: $$$
- BIOCOAL: $$$
- BIOCHAR: $$$
- PURE CARBON: $$$
- ACTIVATED CARBON: $$$$-
- REGENERATED CARBON: $$$$$

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**FROM BIOMASS TO ACTIVATED CARBON**

(And everything in between)

**MARKET VALUE**

- DRIED BIOMASS: $$$
- BIOCOAL: $$$
- BIOCHAR: $$$
- PURE CARBON: $$$
- ACTIVATED CARBON: $$$$$
- REGENERATED CARBON: $$$$$

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**SOURCES**

- [www.forbes.com/sites/tomzeller/2015/02/01/wood-pellets-are-big-business-and-for-some-a-big-worry/#7394a40971f8](http://www.forbes.com/sites/tomzeller/2015/02/01/wood-pellets-are-big-business-and-for-some-a-big-worry/#7394a40971f8)

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**FEEO.com/activated-carbon**

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