

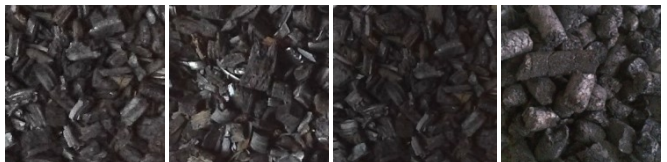
Biochar production equipment

Biochar produced by oxidative pyrolysis process.



Feedstock: woodchips, pellets, crushed plants stalks. Humidity of raw material is up to 50%

Products	dry mass output	calorific value
Biochar	20...30%	25-27 MJ/kg
Pyrolysis gas	1.0...1.6 m ³ /kg	5.4...7.6 MJ/m ³



Biochar samples from wood chips, cropped willow, sunflower stalks, straw pellets

Areas of use

1. Production of high-calorific smokeless briquettes from biochar.
2. Usage of pyrolysis gas for heat and electricity production.
3. Biochar for soil improvement and carbon capture and storage(CSS).



Adding biochar to the soil and the result from it's use