

YOU CAN
PRODUCE BY YOURSELF
YOUR OWN BRIQUETTES!

We offer complete, easy-operated technological lines BIOMASSER® for production of briquettes from non-wood biomass (straw, hay, reed etc.) for small, medium and large homesteads.

Productivity parameters and energy performance of the machines and briquettes have been confirmed by independent experts!

*Contact us
right now!*



PRODUCER:

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02.16



BIOMASS
= ENERGY + ECOLOGY

100% OF NATURAL BIOMASS

STRAW BRIQUETTES

Caloric value: 15,5 MJ/kg – 17,5 MJ/kg

Bulk density: up to 650 kg/m³

Dimensions: diameter 80mm (random length)

Ash: 2% - 4%

approximately 1t of coal = 1,25t of briquettes

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GOLDEN COAL®



STRAW BRIQUETTES – GOLDEN COAL®

Compare the expenses. Make sure that comfort and ecology do not cost any more! The price of straw briquettes is comparable to the price of culm. Taking into consideration all the valuable advantages of straw briquettes you should **make use 100% natural fuel and choose Golden Coal®**.

This fuel may be successfully called universal.

Briquettes is ideal for use in a boiler, tiled stove and even fireplace. It will also work well in heating plants and boiler plants.

Heating installation for transition from burning coal to straw briquettes does not require any modifications. It does not cost any more!

Our offer includes briquette, which emits small amount of gas during its combustion process. after burning traditional coal the dust falls within 20-30 metres from the emission spot. The dust settles on our houses, cars, clothes, gardens. The pollution is inhaled by ourselves and our neighbours. Meanwhile straw briquettes emit minimum amounts of pollution during combustion.

CO₂ emission = 0

after burning straw briquettes only a small amount of ash remains and it may be safely used as fertilizer e.g. in a garden.

No more heavy slag in a furnace. Less pollution in the air.

We will lack coal deposits some day but straw is a renewable energy source, we will not run out of it!

HOW TO BURN BRIQUETTE EFFECTIVELY?

Combustion of straw briquette in stoves, boilers and fireplaces without air blow-in:

- while combustion briquette smoulders, glows, it does not give big flame effect; only in furnaces with air blow-in a big flame appears
- in initial phase briquette grows in volume, so that empty room should be left in combustion chamber
- during combustion process burning briquettes should not be moved; the batch should be left for complete combustion
- furnace temperature should amount max. 800°C; higher temperature may cause slagging of ash, degree of slagging in combustion processes is depended on kind of combusted fuel.

Combustion of straw briquette in furnaces with ventilating blow-in:

- in case of boilers with retort burner feeding briquettes should be carried out by small batches, fed so often that whole fuel undergoes combustion in the retort at maximum power in combustion zone should enclose over 2/3 length of retort. Amount of air should be adjusted according to manual of the boiler
- adjustment of air supply to combustion process - there should be enough air to make the flame colour in combustion chamber dark yellow
- furnace temperature should amount max. 800°C; higher temperature may cause slagging of ash, degree of slagging in combustion processes is depended on kind of combusted fuel
- due to exhaust fumes character (concerns each kind of fuel) one should not allow outdropping water from exhaust fumes on boiler walls and heat pipe.