



PEAT BRIQUETTES and PELLETS

Efficient and Advantageous Fuel.

Business Opportunity

Peat is a natural, ecologically pure product. It was always used as fuel, but only in recent years have been implemented new technologies for processing of peat fuel, resulting in an essentially new, efficient and demanded product, which captures civilized and well calculated world. Peat Briquettes and Pellets are produced with modern equipment (Salmatec, Mutek) and confirm all technological characteristics declared, so the buyer can be sure of the high quality of the product purchased.

The fuel of peat is certified and complies with the European standards (EN 14961-2), which covers, inter alia, the amount of residue produced from burning, but also specially the quality of raw materials, the presence of harmful substances and chemical additions (e.g., tree bark or simply dirt in wood and all sorts of waste pellets). Our product comes from the Nordic virgin lands of Russia. After drying and granulation through cutting-edge technologies, peat become a a very efficient and advantageous domestic and industrial fuel.

Briquettes and Pellets (granules) of Peat have a highly calorific fuel coefficient and guaranteed uniform quality, ideal for all types of stoves, ovens, heating boilers, chimneys, etc., designed for solid fuel. The fuel is produced by extrusion of pressed and dried peat ground, without additional chemical additives. It is harmless to the environment, therefore. So, our product, in addition to the comfortable warmth by an optimal cost, comes to save nature, in order to effectively substitute wood, oil fuel, coal or electricity for heating.

PEAT BRIQUETTES and PELLETS CAN BE EFFECTIVELY USED FOR:

- Any chimneys, ovens and stoves based on traditional fuels for over 50 mm fraction (briquettes, firewood, etc.)
- Automatic and manual heating equipment for fuel with the fraction between 20 mm and 150 mm (briquettes, coal, wood)
- Any small and medium sized boilers, thermal plants, for communal or individual heating
- Automatic heating equipment for fuel with the fraction up to 20 mm



BASIC CHARACTERISTICS:

- **Peat Briquettes and Pellets (granules) have a high calorific (4500-5200 Kcal/kg) coefficient**
- **Long time of combustion, 7-15 hours (10 kg) and low quantity of residue (ASH), 2-5%**
- **1 000 kg of peat fuel replaces 5.5-7.5 m³ of wood, or 2,5-3 tons of coal**
- **1 000 kg of briquettes or pellets (granules) of peat produce as much heat as the burning of 775 cubic meters of gas, 500 liters of diesel fuel or 685 liters of fuel oil. The energy that emanates from burning of one kilogram of peat is equivalent to about 5 kilowatts per hour of electricity**

As a form, Peat Briquette is a "tablet" with a diameter of 75 mm and a thickness of 2,5-3 mm or 2,5-125 mm. Pellets (granules) have the form of an extruded cylinder with diameter of 6-14 mm, length of 10-20 mm. Our products are packed in big bags, 750-1500 kg, or in comfortable bags of 25, 10 and 5 kg.

The compact form of the product and the package makes convenient transportation, logistics and allows increasing of the depot or store efficiency on a reduced surface, without special conditions, for a long time, without losing the qualities of the product. For example, one tone of peat fuel can be stored in an area of only 1.5 cubic meters.

Peat Briquettes and Pellets are surnamed "refined", or even "ennobled" fuel, taking into account not only the appearance of our product (clean, uniform, smooth, shiny, without cracks, easy and pleasant-smelling), which does not make dust and

dirt, simple and easy to use, but also the FOLLOWING PROPERTIES, WHICH ENSURE EFFICIENCY, NET ECONOMIC ADVANTAGES, SUPERIOR QUALITY, COMFORT AND SAFETY OF YOUR HEAT:

- Standard and accurate characteristics of the fuel (weight, dimensions, parameters etc.), obtained by the most modern and efficient equipment and technologies for production of fuel
- Long combustion time of our product, 5-7 times higher than for firewood, but with a double heat emanation. Respectively, you will enjoy a significant reduction in heating costs
- Peat Briquettes and Pellets have a low humidity, maximum 6-12%, so it is easy to flame them. For comparison, the humidity of the firewood is usually between 40-50%. Merge, as appropriate, with the fuel of peat improves the combustion of wet wood or raw coal
- A load of peat is sufficient for 8-12, or even up to 15 hours, which means much less cost and more efficiency than in the case of coal, firewood or wood pellets tablets
- It will not take as long to clean the combustion chamber and evacuate large amounts of unnecessary waste, because peat burn almost entirely
- After the burning of peat remains a very small amount of ash (2-5%), but it can be efficiently used as a natural complex soil fertilizer.
- Almost total lack of smoke and of negative impact on the environment; lack of slag, of offensive and unpleasant odors
- The peat fuel does not throws sparks, incandescent parts of coal, so it does not cause fire hazards
- Peat Briquettes and Pellets have not internal pores, which mean that there is no risk of self-inflammation. Our product does not make dust, mess (as coal) and does not give a lot of work to prepare for the fire (cut, chopped and stored, as in the case of wood)
- Easy and clean, convenient for transportation, storage and use, optimal weight and dimensions of the package
- High density and flow characteristics, what is very important for automated heating equipment
- Delivery by request (including free) for reasonable quantities

It is very important that to entirely pass to the peat fuel, or to merge it with wood, coal, any wood pellets or any other solid fuel, you don't need to change existing heating equipment. Peat fuel is preferable for all categories of users, including those with a very modest budget; from those that have stoves, to those who have sophisticated boilers or chimneys. Peat Briquettes and Pellets can be bought in different quantities: in bags, for current needs, or by trucks, for permanent industrial use. Automatic heating equipment, when sufficiently supplied, works days in sequence without any problems and without refueling. Flow characteristics of granules permits complete automation of the process. Pellets are simply to upload in the bunker, and they flow into the combustion chamber.

COMPARE:

You buy a truck of peat briquettes: $15\ 000\ \text{kg} * 5\ \text{kW} * \text{h/kg} = 75\ 000\ \text{kWh}$.

The same truck, if you buy firewood: $4\ 500\ \text{kg} * 1,5\ \text{kW} * \text{h/kg} = 6\ 750\ \text{kWh}$.



CALCULATE:

A transport of peat fuel brings you the calorific values of 11 times higher than one with firewood.

For a transport of peat fuel, you pay the same as for 2 with wood. But, by choosing our product, the same money gives you 5-6 times MORE ENERGY!

REQUEST more information or a special offer, as well as COMMERCIAL DISTRIBUTION PARTNER, INDUSTRIAL CONSUMER, COMMUNITY MANAGER, or to HEAT your HOME EFFICIENTLY and CONVENIENTLY:

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