



Rice Husk Grind mill & Briquetter

Rice husk as a potential energy source or bio-absorbent

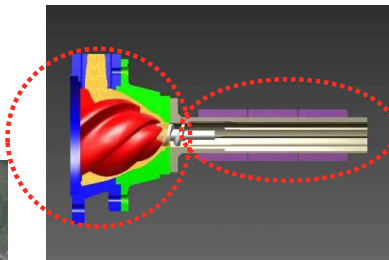
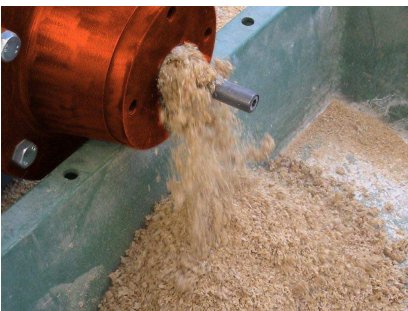
Tromso
www.tromso.co.jp

Hiroshima Gas-Techno Service was established in 1970 as a propane gas distribution company. Since then, the company works in gas industry to support the local industries. Taking advantage of acquired experiences and know-how, the company designs and constructs recoiling plant equipment.

About 0.28kg of rice husk is generated for 1kg of rice produced. Until now, the rice husk was treated as a waste. Tromso developed a rice husk briquetter that grinds it into fine particles. Ground rice husk is then mildly pyrolysed at 310 ° C to remove the moisture and to consolidate it in the form of a briquette. Produced briquette has the same thermal value as firewood, but burns twice as long as the firewood.

The ground rice husk can be used also as water absorbent in agriculture such as soil water retention agent, or as a livestock bedding material. Furthermore, it can be carbonised to produce highly efficient activated carbon that has a characteristic pore structure to allow high organics and metal absorption.

Grind Mill



Pyrolysis Briquetter

