

Shaping your waste.



Briquetting Systems from WEIMA



# Waste in. Resources out.

## **Make the most of your production waste!**

Waste from wood, polystyrene, foam, light alloys, paper or biomass are a considerable cost factor for production plants. Economic solutions are in demand for handling these materials, and WEIMA briquetting presses are the answer.

Whichever aspects are important to you – disposal, storage, logistics, or profitable waste recycling – WEIMA briquetting presses offer you a reliable solution which is tailor-made to your specific requirements and provides all the economic advantages of briquetting.

## **There's a lot to be said for briquetting.**

- Reduction of waste volume by up to 90% – resulting in considerable saving of disposal, transport and storage costs.
- Production of high quality secondary raw materials and briquettes that are high in heating value.
- Considerable reduction of fine dust and pollutants through the compression of shavings and dusty materials into clean, compact briquettes.
- Reduction in the danger of fires and explosions by briquetting potentially flammable waste – an economic alternative to costly fire prevention measures.

## **And everything speaks for WEIMA.**

- **Know how**  
One of the leading specialists in briquetting and shredding systems for more than 25 years.
- **Range of performance**  
Machines that meet a wide range of output demands and briquetting quality.
- **Quality**  
Perfect technology allows for operating and maintenance confidence as well as providing low energy and wear costs.
- **Service**  
Everything you need from advice and planning, to complete turnkey installations, to fast on-site service.





WEIMA develops your individual briquetting solution with detailed consulting and planning.



# Where the advantages come together. For all trades.

## Woodworking businesses.

For millwork shops, cabinet shops, and the furniture industry, wood chips compressed into briquettes are an ideal fuel for heating their own workshops. Wood briquettes are easy and clean to handle, and the reduction in fine dust helps lessen the danger of fire and explosions on the premises.

## Plastics processing plants.

Whether model or mold-making or the insulation and packing industry, briquetting of plastic shavings, polystyrene or foam reduces the volume of waste considerably while lowering the costs for transport and disposal.

## Metal-working industry.

Aluminum shavings and turnings and other residue from light alloy are pressed into briquettes to considerably improve melting properties. The effect: excellent marketing opportunities. In addition, the expensive coolant used in processing is recovered during the compression stage and can be used again in production.

## Paper processing industry.

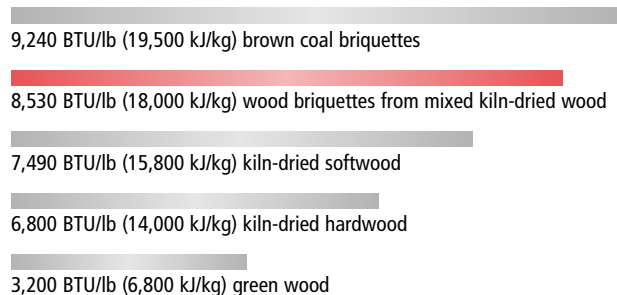
Paper fibers and dust are known to represent a huge fire and explosion hazard. For this reason, briquetting residual material is absolutely vital. The reduction of material volume makes disposal a lot more economical. Briquetting also plays an important role in the security of destroyed files, etc.

## Agricultural operations.

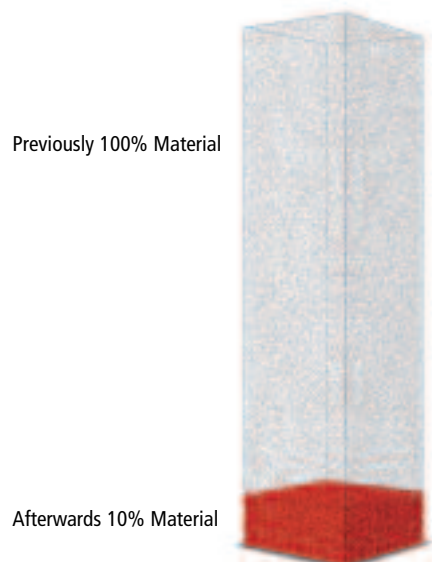
With straw, wood shavings or bio-fuels such as elephant grass (miscanthus), briquetting guarantees clean, space-saving and dust-free handling.

### Perfect fuel:

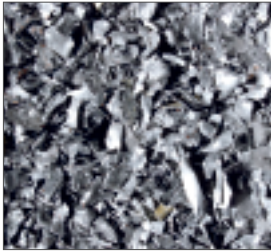
#### A comparison of the heating value of wood briquettes.



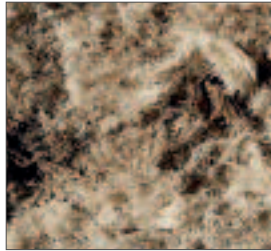
### Up to 90% reduction in volume.



Light alloy



Plastic



Wood



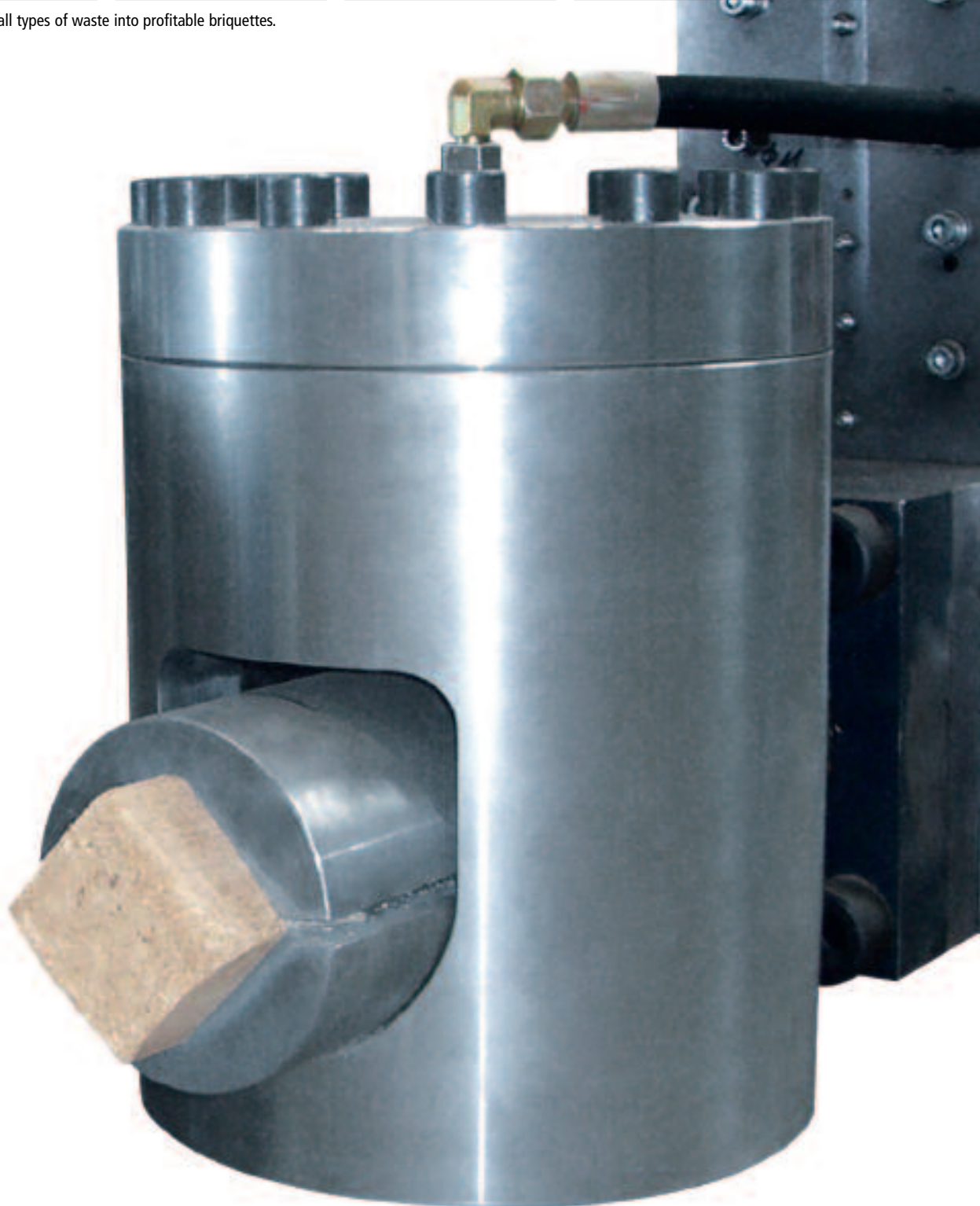
Paper



Polystyrene



WEIMA converts all types of waste into profitable briquettes.



# Three series offering the perfect setup for you.



## **Compact power!**

### **The C series.**

Sturdy design, low-maintenance technology, with minimum space required. The right solution for small and mid-sized businesses with a throughput of no more than 440-880 lbs (200 to 400 kg) per day.



## **Greater capacity!**

### **The TH Standard series.**

The right series for throughput rates of more than 440 lbs (200 kg) per day. Ideal for the production of highly stable briquettes. Numerous additional options are possible, e.g. oil cooling for use in multi-shift operations.



## **Built-in flexibility!**

### **The TH Vario/TH Vario Plus series.**

The series that can adapt to meet your individual production needs. Nearly any special solution is possible: e.g. duo, trio or quattro designs or separate locations for shavings container and pressing unit. These high quality briquettes are ideal for marketing.

## **Complete and uncomplicated: the installation.**

Whether you require a standard design or a complex custom solution, WEIMA guarantees rapid installation and perfect integration of the machine into your production environment. We can also automate the complete process – from material loading to finished briquette.

## **Comprehensive and reliable: our technical support.**

Customers can complete basic maintenance work on WEIMA briquetting presses with ease. If a major inspection is due or should a problem arise: our service team will respond quickly to ensure your production is running smoothly at all times.



**More than meets the eye!**

Let us advise you on the wide variety of possibilities of briquetting with WEIMA.  
Demonstrations and tests using your actual materials can be arranged.



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