

MULTIBRIK

Pöttinger shredder and
briquetting press –
save Money on Waste Disposal



PÖTTINGER

Entsorgungstechnik

Waste disposal technology



Cost-effective waste paper disposal and data protection: The Pöttinger 2 in 1 solution

Many companies are looking for a straightforward solution to their office waste paper disposal problems. PÖTTINGER Waste Disposal Engineering has developed a tailor-made process.

The new concept solves office waste disposal problems, saving time and money.

At the same time, complete data protection is guaranteed from the desk to the point of recycling.





Collection

Each office worker collects their own waste paper, and feeds it into the security container as required. One security container is sufficient for several offices.

The slot in the container lid prevents waste paper being screwed up in a ball (taking up a lot more space), and the lock prevents unauthorised access.

If each security container serves 25 to 30 desks, the cleaning staff will need to empty it about once per week. This system saves a huge amount of time and effort.



Separation

All other waste is collected in a separate waste bin.



Central waste disposal point

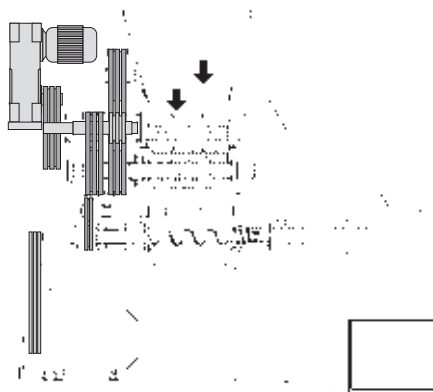
The waste paper (which accounts for around 80% of office waste) is brought to the company's central waste disposal point.

Top quality data protection is maintained throughout the whole process as the paper is then shredded in the PÖTTINGER MULTIBRIK briquetting press.

Powerful, userfriendly engineering

Up to 200 kg of material can disappear into the hopper every hour.

The briquetting press switches off automatically once the hopper is empty.



The briquetting press cuts everything to shreds. The robust, powerful blades can even handle whole files full of paper. The hopper can hold up to around 50 files, which are then shredded and compressed in next to no time.



The briquettes are pushed along a channel straight into the stillage.

MULTIBRIK



Optimal safety

The standard model is filled with waste paper manually and with ease thanks to a built in access platform. The briquetting press switches off automatically when you step on the platform, and switches back on again when you get off.

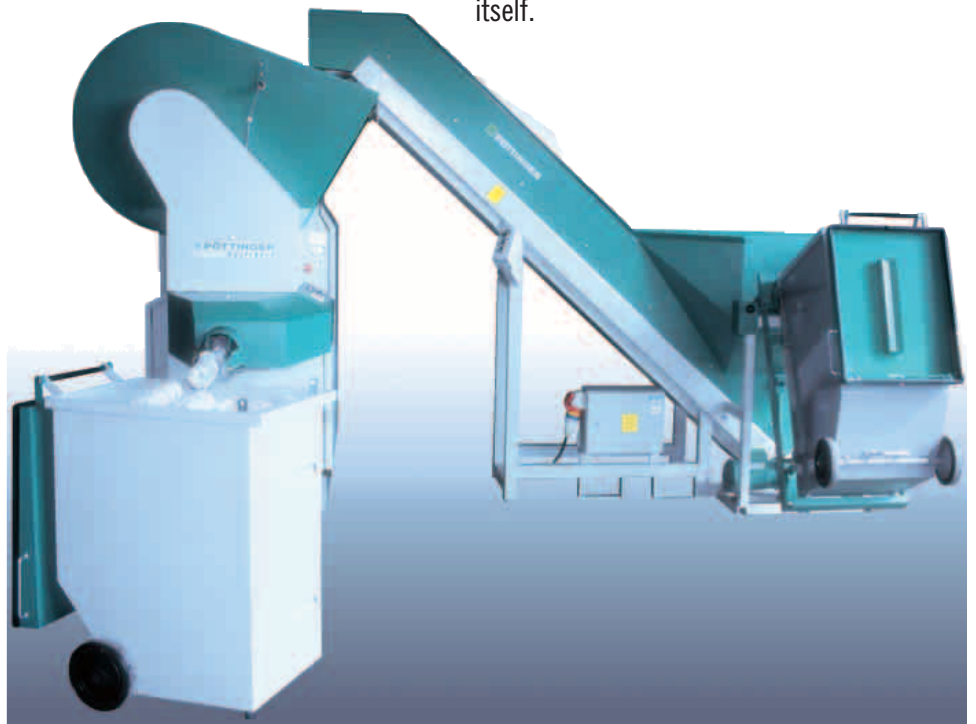
The ideal system for large quantities

A tipper simply empties the security containers, which are mounted on wheels, on to the conveyor belt leading to the briquetting press.

The briquetting press starts up automatically via a system of electric eyes and processes the material in automatic mode until it switches off by itself.

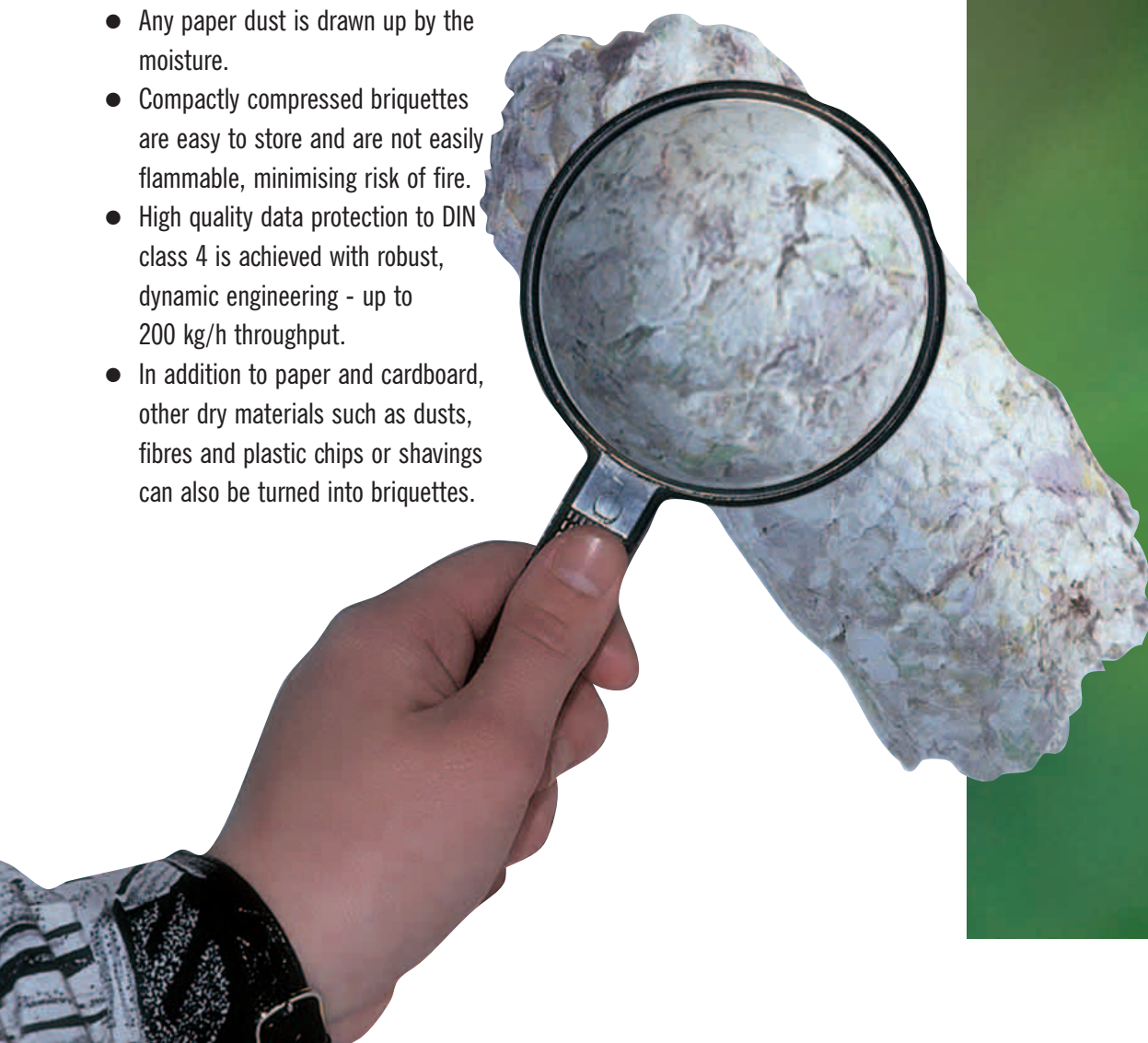
Multi-purpose

A compressor rotor can be fitted as an extra to feed even the bulkiest packaging into the shredder. Boxes or cartons do not need to be torn up before being fed into the hopper.



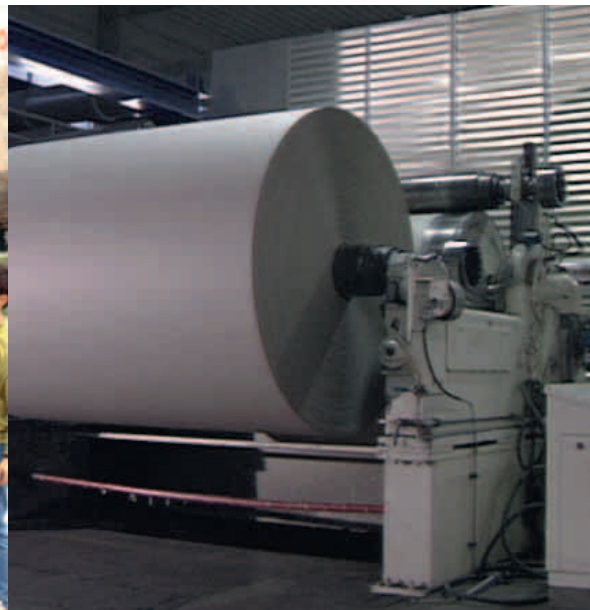
The Product of this patented Technology: Briquettes packed with advantages!

- Compression up to 20:1 yielding a dry weight of 450 to 550 kg per cubic metre, achieving incredible savings on storage space and transport costs.
- Ideal solution for transport logistics: paper manufacturer's lorry simply lifts up container full of briquettes and empties it into the back.
- Environmentally responsible briquetting under pressure using only a little water. No adhesives or other costly additives are required.
- Any paper dust is drawn up by the moisture.
- Compactly compressed briquettes are easy to store and are not easily flammable, minimising risk of fire.
- High quality dust protection to DIN class 4 is achieved with robust, dynamic engineering - up to 200 kg/h throughput.
- In addition to paper and cardboard, other dry materials such as dusts, fibres and plastic chips or shavings can also be turned into briquettes.
- The briquetting press can be integrated into a facility, or can discharge into chutes. The micro-processor control system enables the press to be implemented in a number of ways.



Recycling

- It is easy to distinguish different grades of paper after they have been compressed into briquettes.
- After the 300 litre hopper has been filled, the waste paper is processed automatically.
- In many cases, waste paper is collected in sacks by the cleaners, and is thrown straight into the hopper. All waste paper from the office is briquetted and disposed of, ensuring a high degree of data protection.
- This patented briquetting press is convenient to operate, runs automatically most of the time, and requires very little supervision from an operator – thus saving costs.



Recycling

The briquettes possess the optimal composition for recycling.

The final disposal of the briquettes is the last step that closes the reuse cycle.

The briquettes can be recycled by the paper industry as they are, or pressed into bales with other waste paper and cardboard.

The briquettes are used to make new paper and packaging – yesterday's waste paper at the start of a new cycle.

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Waste Disposal Engineering with MULTIBRIK the neat, environmentally friendly, cost effective, global solution.

Technical data

MULTIBRIK	with hopper	with rotor
length	2090 mm	2090 mm
width with hopper	1300 mm	1300 mm
width with hopper removed	860 mm	860 mm
minimum width without hopper and guard	750 mm	750 mm
height	1910 mm	2190 mm
hopper dimensions at top	615 x 1160 mm	760 x 800 mm
hopper dimensions at bottom	350 x 480 mm	350 x 480 mm
motors	7.5 kW + 4 kW	7.5 kW + 4 kW + 0.55 kW
weight with motors fitted	1300 kg	1470 kg
diameter of briquettes	60 mm	60 mm
throughput	between 150 and 200 kg/h	between 150 and 200 kg/h
connected supplies:		
electricity	EURO, 5-pin, 32 A	EURO, 5-pin, 32 A
fused protection	380 V, 25 A - slo blo or 32 A	380 V, 25 A - slo blo or 32 A
minimum water pressure (for briquettes)	3 bar	3 bar

all data quoted above are subject to revision

More solutions to waste disposal problems ...

MULTIPRESS ECO

Press container
with weighing system



MULTIPACK

Baling presses
vertical and horizontal



MULTIPRESS

Presscontainer and
screw-type compactor



Waste disposal technology

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