

**How are your old  
mattresses recycled?**

**Do they go to a dedicated  
recycling centre?**

**Do you know where  
they go?**

Mattresses for Universities, Colleges and Purpose Built Student Accommodation (PBSA) are one of the most purchased replaceable products.

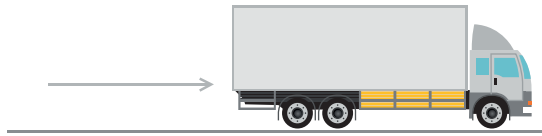
As we are becoming more aware of the environmental impact we're having on our planet and how we can be more sustainable in our day to day life, is it time for you to look at your mattress replacement programme.

**JAFS**

# Mattress recycling

Mattresses enter the facility on large articulated vehicles.

1



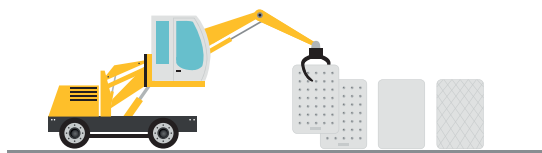
The mattresses are offloaded from the vehicles using a telehandler or manually.

2



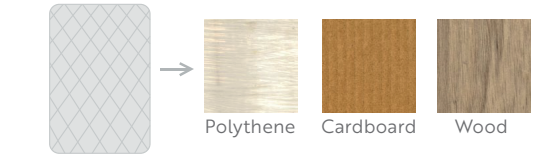
The mattresses are then segregated into various areas depending on their material type.

3



Polythene wrapping and cardboard are all removed from the incoming beds and divans. Even timber packaging is removed and then shredded for re-use as a biofuel.

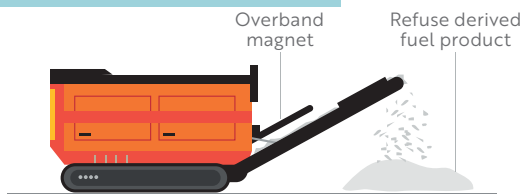
4



**DEPENDENT ON THE QUALITY AND TYPE OF MATTRESS EG. FOAM, TRADITIONAL STEEL SPRUNG, POCKET SPRUNG ETC. THEY ARE THEN EITHER...**

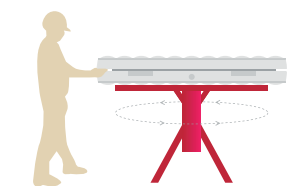
...mechanically shredded using a shredder complete with overband magnet to separate clean sheet metal and create a refuse derived fuel product.

a



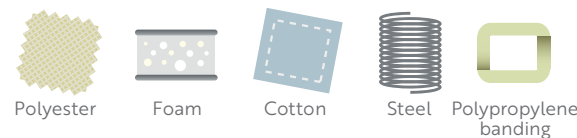
...manually stripped using a pneumatic cutting tool and rotating turn table to assist in cutting the mattress open.

b



After being mechanically or manually extracted, these are some of the products that are left from the waste stream. These can be baled and sent to recycling outlets.

5



At JAFS we can recycle your existing mattresses as part of a replacement and recycle programme, the existing mattresses are then taken to our dedicated recycling centre.

We're transparent in how we work and share important information with our customers. We use specialist mattress recycling centres for all our mattress recycling. They have an open book system and welcome customers to visit and view their facilities, giving you a good insight into the mattress recycling process.

We also donate reusable mattresses to charities, housing associations or local authorities and we are committed to zero landfill.

JAFS also offer a nationwide delivery and installation service to include the removal and recycling of your existing mattresses. We'll install your new mattresses into your room of choice, removing the packaging and placing onto the beds. We will remove and recycle all your old mattresses, ensuring that each mattress is recycled under current government guidelines.

## THE RECYCLING PROCESS

- 1 Removal, washing and baling of the outer fabric, which is then in turn passed on for shredding and recycling as fibre or (in the case of heavily soiled fabrics) passed along for fuel use.
- 2 White cotton flock, or wool from inside the mattress is also cleaned and recycled as yarn or hemp.
- 3 Low-grade fabric elements from the mattress base are stripped, processed and sold on to the automobile industry, for vehicle matting and interiors.
- 4 All foam and plastics (largely Polyurethane) is stripped, washed and shredded and can be recycled as carpet underlay.
- 5 All steel springs are processed in an industrial furnace to melt it ready for recycling into alternative products.

# JAFS

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