

WOODVENTURE



MANAGEMENT & PROCESSES OF WOOD WASTE

WOOD WASTE MANAGEMENT IS OUR SPECIALITY. IT IS AN INTEGRAL AND INTRINSIC PART OF SUPPLYING WOOD PRODUCTS; COLLECTING, RECYCLING AND REINTRODUCTION OF PRODUCTS MADE NEW AGAIN THROUGH OUR RECYCLING PROCESSES.

We have wood grinding and separating machinery that will break down wood into their component parts. After a series of further processing stages a number of different and wholly new products are borne such as horse bedding, landscape gardening mulch and safety surfaces used in children's play grounds. All of these new products are made from wood fibre made from 100% recycled wood.

Our wood waste and pallet grinding systems utilise high torque grinders in both hopper feed and horizontal feed configurations — to high volume fibre processing systems with horizontal hogs — to the portable grinder, providing effective solutions for converting expensive wood waste into marketable wood fibre.



These systems can be used in combination with screening, conveying, and metal separation machinery to deliver a finished wood fibre product in a single pass. Optional equipment includes an in-line colour infuser for producing coloured mulch and a secondary Hammer mill for producing animal bedding.



Other products produced include boiler fuel, particleboard furnish. For lower volume application the High Torque Grinders, specifically designed for pallet recycling applications and provide low noise and low horsepower operation for ease of installation and low maintenance.

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"Multiple application mulches for the home to outdoors and beyond."

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RECYCLING OLD TO NEW

WOOD WASTE & RECYCLING

WE CAN RECEIVE UNSORTED WOOD PRODUCTS FROM BUILDING WORKS, TRANSFER STATIONS AND COMMERCIAL BUSINESS.

Advanced sorting and grading techniques are applied to sort the wood and shred it to produce products suitable for animal bedding. Wood chip for biomass and board mills.



WOOD CHIP FOR CHIPBOARD

Wood brought to us for recycling undergoes a shredding process which produces a new raw material for chipboard manufacture. The woodchip is shredded and is passed through a 40mm diamond screen then over two magnetic belts to ensure the finest woodchip is produced and to remove nails.



WOODCHIP FOR BIOMASS

Our Biomass woodchip is shredded and is passed through a 40mm diamond screen then over two magnetic belts, to ensure the finest biomass is produced and to remove nails.



WOOD CHIP FOR ANIMAL BEDDING

We supply high quality woodchip for animal bedding. Recycled quality wood is shredded and is passed through a 10 - 15mm star screen and then over two magnetic belts to ensure the finest animal bedding is produced and to remove nails.

The animal bedding can be delivered or collected from our site in bulk quantities or 1-tonne bags. Contact us for a quotation.



We carry out these processes at our paper mills around the country, giving us complete UK coverage. As an accredited re-processor, we can provide you with a packaging Recovery Note (PRN) for each tonne of material we recycle.

INCREASE YOUR REVENUE
CARDBOARD RECYCLING

THE HIGHEST VOLUME WASTE PRODUCT GENERATED THROUGHOUT THE UK INDUSTRIAL SECTOR IS CARDBOARD.

The cellulose fibres that constitutes cardboard are created from wood pulp. This process for the purpose of recycling is reversed by soaking the cardboard to a virtual disintegration state to release the fibres which can then be pulped. This process can be repeated several times before these fibres eventually shorten, and then disintegrate. Cardboard has a high energy yield; it does not emit toxic poisons upon combustion and only breaks down to ash.



Because of the high volumes that are moved through the system, we are able to provide every element in this process, balers, operators, collection, cardboard recycling

containers, transport and advice on the best system to implement for your business. A good system will be instrumental in reducing your landfill use and significantly bring those

corresponding costs down.

An excellent example of a baler capable of baling multiple waste streams in high volumes is the superb.

"Cardboard recycling, one of the pillars of our waste management system."

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This 60" Super High Volume Baling System is ideal for:

Recycling Centers, Transfer Stations, Large Warehouses / Distribution, Manufacturing Facilities, Large Retail / Shopping Centers, Large Educational Campuses, Large Hotels & Resorts, Military Bases, Other Large Industrial and Commercial Applications.

There are many other types of baler that may be better suited to your operations, give us a call, where an adviser will assist you further.

We hope to welcome you to our sites to see these processes in operation.