

UNTHA

shredding technology

The reliable brand!

MC Refrigeration Ltd

PALLET SHREDDER PS1300 REDUCES DISPOSAL COSTS

MC Refrigeration Ltd

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Not only have we reduced our waste footprint with the UNTHA PS1300, but the financials stack up too. With the savings we're making, the machine will pay for itself in three to four years. It is also economical to run and keeps our site tidy.

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» MATERIAL
Pallets, waste wood

» SHREDDER
PS1300

» THROUGHPUT
30 pallets/hour





CUSTOMER

MC Refrigeration Ltd is a commercial refrigeration company based in Wellingborough, England, specialising in the installation, removal, safe disposal and servicing of commercial refrigerated display units and cold rooms throughout the UK.

APPLICATION

The cooling units that MC Refrigeration Ltd imports from Europe are delivered on non-standardised pallets that can hardly be reused locally. The company was looking for a suitable disposal solution to dispose of or recycle these wooden pallets as efficiently and economically as possible.

SHREDDING SOLUTION

The company finally opted for an UNTHA PS1300. This single-shaft shredder was specifically designed for the recycling of wooden

pallets. It requires little space and shreds pallets quickly and reliably into a homogeneous granulate. This shredder can recycle up to 30 pallets per hour, reducing their volume by around 75 %. The efficient drive features an automatic reverse function in the event of motor overload as well as a foreign body protection. This minimises downtime. Nails and screws do not pose a problem for the cutting mechanism and are removed from the wood chips by a magnet on the discharge conveyor after shredding. MC Refrigeration Ltd was able to independently recycle over 24 tonnes of wood waste in just three months after investing in the PS1300 from UNTHA UK. By reducing the volume of the wood waste, the company was able to significantly reduce the costs of landfill disposal, container rental and collection fees. The shredded material is sold as wood chips for heat generation in a biomass plant.

REQUIREMENTS

- » Cost-effective disposal solution for pallets
- » High throughput
- » Homogeneous output material
- » Compact design

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Prior to purchasing the shredder, we had no choice but to dispose of them as waste at landfill – something we were keen to find a more circular solution for.

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– Murray Carvell
Managing director,
MC Refrigeration Ltd

