

PALLET SHREDDER SLASHES COSTS AND DIVERTS WOOD WASTE FROM LANDFILL

MC Refrigeration

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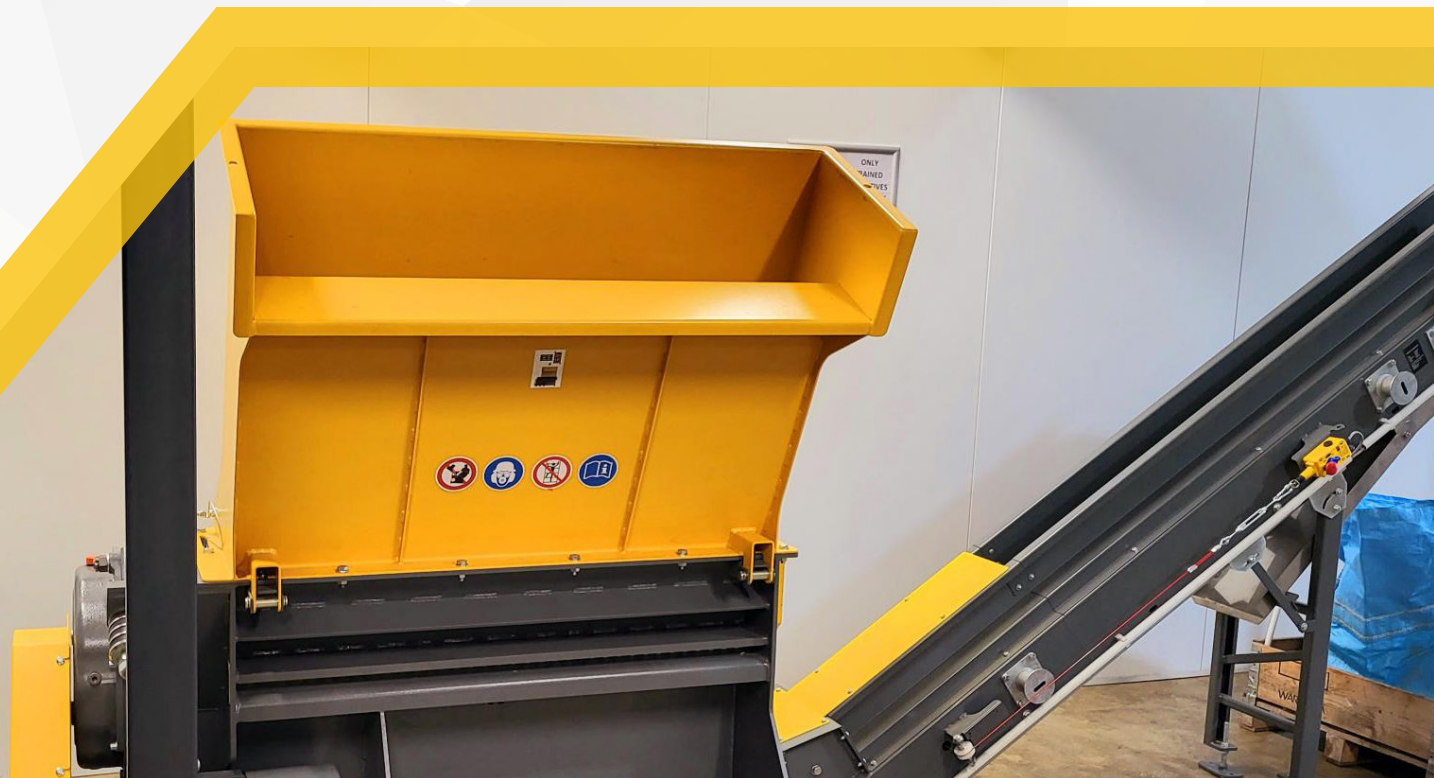
The fridges we import from Europe don't arrive on standard-size wooden pallets — they are custom made for the units, making them difficult to reuse. Prior to purchasing the shredder, we had no choice but to dispose of them as waste at landfill — something we were keen to find a more circular solution for.

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» MATERIAL
Wood waste

» SHREDDER
PS1300

» OUTPUT
Biomass heat
recovery





CUSTOMER

MC Refrigeration Ltd. — which specialises in the installation, removal, repair, and disposal of commercial refrigeration display equipment — contacted UNTHA UK within 20 minutes of seeing a PS1300 in action at another local refrigeration firm.

APPLICATION

MC Refrigeration Ltd has diverted over 24 tonnes of wood waste from landfill just three months after investing in a PS1300 pallet shredder from UNTHA UK — saving thousands in off-site disposal fees in the process. The machine is now installed at the organisation's factory in Wellingborough and is processing its waste wood pallets on site. The firm is also selling the resulting homogenous 30mm wood chip for biomass heat recovery.

SHREDDING SOLUTION

One of UNTHA UK's most compact single-shaft machines, the PS1300 is purposely engineered for waste wood, able to process up to 30 pallets per hour.

With these high throughputs, MC Refrigeration is able to significantly reduce the volume of its wood waste — slashing the £1,000 per month in costs on landfill disposal, skip hire, and collection fees. Rich Wakeley, sales consultant at UNTHA UK, adds: *"It's been fantastic working with Murray on this project. And there is huge potential for other refrigeration organisations within the industry to copy this closed loop, best-practice model for their own sites."*

REQUIREMENTS

- » Circular solution for wood pallet disposal
- » High throughput shredding capabilities
- » Reductions in off-site disposal costs
- » Homogeneous particle output for biomass
- » Compact while maximising performance

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Not only have we reduced our waste footprint, 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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— Murray Carvell
Managing director,
MC Refrigeration Ltd