



Getting the best from your shredder

UNTHA

shredding technology

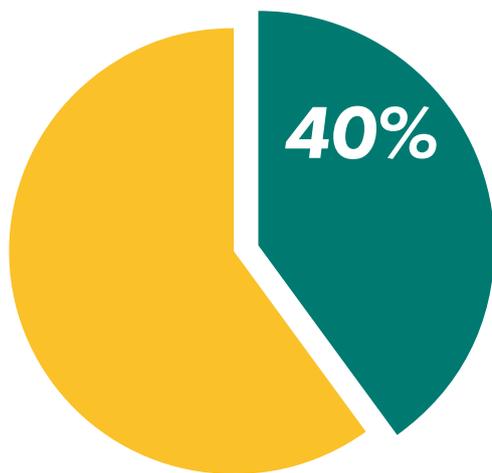
Getting the best from your shredder – cutter maintenance

The robustness and efficiency of your cutters is crucial to the productivity, uptime and return on investment from your shredder. That's why UNTHA shredders have been purposefully engineered to ensure the cutter maintenance process is as hassle-free as possible.

Long-life cutters

Designed to shred a variety of incredibly tough waste materials and recyclables, our cutters are equipped for a **long service life**. They are manufactured in house for total quality control, for example. And the cuttings disks themselves have an integral collar rather than separate spacers, which distributes the cutting force over a wide area for optimal shredding and cutter preservation.

But when the cutters do need changing due to longer term wear or high volume heavy duty shredding, this needn't cause a concern – they can be **refurbished with ease**.



UNTHA's cutting system overhaul can save you up to 40% in wear part costs



Overhauling your cutter system

In high throughput or heavy duty shredding applications – which would typically require 1-2 cutter changes per year – the exchange and overhaul of your cutting system can **vastly improve the uptime, productivity and hence profitability of your plant.** Furthermore, the cost of a second set of cutters is soon offset by the ease with which you can rebuild or regrind the first set, enabling you to ‘repair and replace’ for years to come.

Recommended approach:

- Run the long-life cutting system as supplied in your new shredder
- Invest in a second set of cutters as part of UNTHA's competitively priced spare parts package
- When your cutters become less efficient due to wear, replace them with your second set
- Rebuild and regrind the original set, to restore them to their original condition

Repeat this process, ensuring your productivity is completely uncompromised and your expenditure minimised.





How do we restore your cutters?

Even in high wear applications, your **cutters can be restored to their original condition**. Our service and maintenance specialists will simply assess the degree of wear that your cutting system has experienced, before deciding upon the most cost-efficient way to proceed.

In cases of low wear, a quick regrind will **return your cutters to maximum performance**. Where they have been subject to heavy duty usage, we can heat treat them before machining to reinstate the original tooth contour and sharpness. Even heavier worn, damaged sections can be overhauled with ease, and overlay welding carried out where required.

The finished result? You won't be able to tell the difference, and neither will your shredder.

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We don't believe in the one size fits all approach, which is why our shredding experts will rebuild and overhaul your cutting system to meet the specific operating needs of your plant.

Whether your screen has been subjected to ordinary wear or damaged due to foreign matter, we'll tailor our repair methodology to ensure an **optimum cost-performance ratio** for your business.



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