

Getting the best from your RS 100 shredder

UNTHA

shredding technology

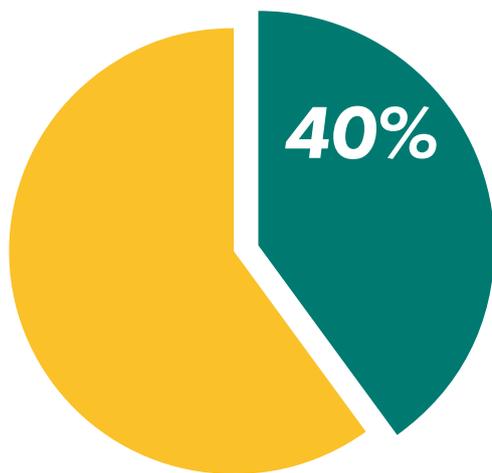
Getting the best from your RS100 shredder – cutter maintenance

The robustness and efficiency of your cutters is crucial to the productivity, uptime and return on investment from your shredder. That's why the RS100 has 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.

PLUS...

The UNTHA RS100 is unique in that it is the only four-shaft shredder to have shafts of the same size. This means you can interchange the main inner cutters, which typically experience more wear, with the less worn outer cutters, to extend the lifespan of your cutting system.

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 main inner cutters become less efficient due to wear, swap them with the outer cutters to maximise the remaining lifespan of these blades
- When the interchanged cutters are also worn, replace the entire set with the second set of cutters you already have in stock
- Send us your original, worn cutters so we can refurbish, rebuild or regrind them, as required, before restoring them to their original condition and returning them back to you for re-use. This process takes approximately five weeks

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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