

Cylinder Grinding

The need to keep that sharp edge to both bottom blade and cutting reel is frequently overlooked. The thought is that as long as the machine appears as if it has cut the grass then all is well but, as with a blunt pair of scissors, the cut is often ragged and not a clean cut causing a point of infection for many of the diseases which affect the turf.

By keeping the blades sharp the contact between cutting reel and bottom blade is kept to a minimum improving the economy, efficiency and performance of your machine. So

Regrinding your units will

- Promote growth of healthy grass
- Optimize cutting unit performance
- Extend the life of the mower
- Maximize operator mowing time
- Allow tractor unit to run more efficiently
- Provide excellent after cut appearance of the turf

When is a regrind necessary?

- The grass is not cut cleanly – streaks, stragglers and discolouration
- The cutting unit is noisy
- Your schedule says it's time to sharpen
- The edges of reel and bottom blade are rounded

Check for wear and tear.....

Check the cutting edges of the reel and bed knife to see if they are dull, nicked, bent or being run without “light contact” against one another.

A grooved or wavy (rifled) reel or bedknife is most often caused by operating the cutting unit with too much bedknife to reel contact. This condition can only be corrected by grinding the reel and bedknife – backlapping will not correct this condition.

Reel blades, and the edge of the bedknife, should be checked for damage visually and by carefully feeling the edges. This process must only be carried out when it is certain that the engine is off and reel cannot be started. NEVER slide your fingers down the edges lengthwise.

Rounded edges on the reel blades and bedknife will cause the grass blades to be pinched and torn, rather than sheared off cleanly. When “light contact” is not maintained, dull edges will soon result.

Sharpening will also be required if the reel is “cone shaped” (tapered).

All reels eventually become tapered with use. If the reel is not adjusted or ground to a cylinder shape again, a mismatch in the height cut between adjacent reels can result.

Our Services

We offer in house facilities for both cylinder and bottom blade grinding to include:

- Cylinders up to 36” in length
- Both in frame or out of frame
- Single blade relief grinding
- Blades checked for damage and wear life
- Cylinder welds and bearings checked for wear
- Cylinder Grind carried out in isolation or to whole machine
- Supply of replacement blades in stock
- Competitive pricing

Our Prices

Cylinder Spin Grind	£1.50 per inch
Bottom Blade Grind	£0.50 per inch
<i>Any additional work e.g. fitting of bottom blades, stripping out of cutting units, replacement of cylinder or roller bearings will be charged at our standard hourly rate.</i>	

Contact us

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