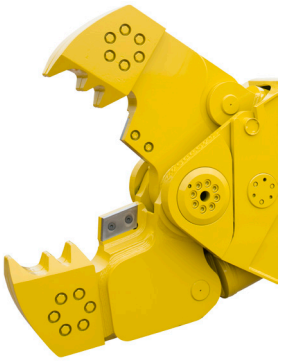
GENESIS®
The Promise of Performance.

Maintenance Minute

LXP® Cracker Jaw Maintenance

Proper maintenance of the LXP® blades, tip and jaw is required for optimal performance.

CONCRETE CRACKING TIPS



At the end of each shift, check the condition of the concrete cracking tips. Replace any broken bolts, and retorque loose bolts when cool.

Replace tips when teeth become severely rounded or flat. A more pointed tooth will process concrete more efficiently.

CUTTING BLADES

Blade rotation extends blade life and improves cutting performance. Shimming to maintain blade tolerances helps prevent jamming.

Inspect blades every eight hours of operation. Re-torque loose bolts and replace broken bolts. Grind away dents or mushrooming of blade edges at the end of each day to prevent upper jaw deflection, excessive blade wear and undue jaw stress.

Rotate blades to use all four cutting edges. Always use Genesis-approved blades. Blades that do not meet Genesis specifications can cause major problems, and using them may void the warranty.

REMOVAL & ROTATION

- Loosen the bolts on one blade at a time, enough to loosen the blades, and carefully remove bolts and blades.
- Rotate blades when the cutting edges are worn to a 1/8" (3 mm) radius.
- Recommended rotation intervals are approximately 40-80 hours, depending on the material being processed. Thin materials may require shorter rotation intervals. Blades must be replaced when all four edges are worn to a 1/8" (3 mm) radius.

BLADE GAP & BLADE GAP MEASURING

After each blade rotation, shim the lower blades to keep the gap within a range of 0.010" to 0.020". Do not shim the upper blades. Use only Genesis shim kits.

To measure the blade gap, slowly close the jaw until blades begin to bypass. Stop the jaw and check the gap with a feeler gauge.

Cycle the jaws slowly and continue checking the gap at several points along the entire length of the blades.

Note: The gap will be consistent along the entire length of the blades if they have been rotated and shimmed correctly.

If the blade gap exceeds 0.020", shim the lower blades. Blades must be replaced when shims exceed 0.060".

SHIMMING

- Loosen blade bolts and install shims between the blade and blade seat as needed to bring into tolerance.
- Torque bolts to spec and recheck the tolerances.
- Do not use more than 0.060" of shims.

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