

these new bars are a vital part in that,” says Gent Simmons, Global Portfolio Director for Tree Professional at Husqvarna.

Husqvarna X- Tough Light benefits from a solid, lightweight body with hard resin inserts that reduce weight, making it is easy to maneuver. Additionally, the hard resin inserts make the bars robust, ensuring high productivity and improved straightness in the cuts. The three-rievet RSN mount and an optimized oil hole help provide reliability and performance during long workdays. These features, along with the rail hardness of the new bars, gives longer maintenance intervals. Also, the sprocket nose adds to the high performance of Husqvarna X- Tough Light and the new premium design provides a nice distinct appearance.

“With these new lightweight bars our customers get another addition to the complete cutting system we offer with Husqvarna chainsaws, chains and bars. With Husqvarna X- Tough Light bars, users benefit from a durable and low weight option, which improves maneuverability,” says Gent Simmons.

Husqvarna’s new 3/8" lightweight bars, Husqvarna X- Tough Light, comes in lengths up to 36" and are available starting July 2021. The bars fit Husqvarna chain saws from 60cc and up with a large bar mount. **Visit [husqvarna.com](https://www.husqvarna.com)**

Foley Take-Off Clutches

Loggers operating wood chippers and tub grinders with twin disc style clutches no longer need to worry about downtime. Foley Engines specializes in Twin Disc/Rockford and WPT power take-off clutches. The clutches are often called “hand clutches.” Foley now offers both new and factory remanufactured power take-off (PTO) clutches with upgraded severe duty components including 100% Kevlar composite discs. These proprietary Kevlar composite linings have as much as a 300% longer service life compared to the molded fiber friction discs commonly used, and avoid failures caused by broken teeth.

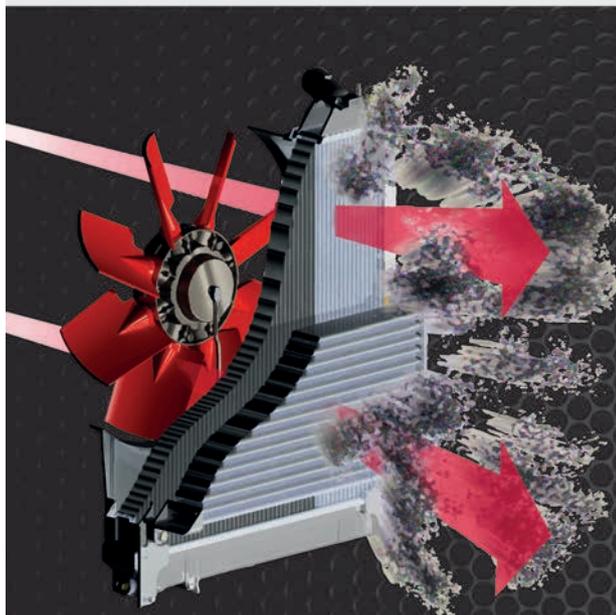
Not only do their Kevlar plates last longer, Foley remanufactured exchange units eliminate the delay and downtime in having a PTO clutch rebuilt locally. Additionally, the remanufactured units offer the clutch owner significant savings compared to buying a new unit.

Given its more than century-long history, the company can also help people with obsolete units for which parts are no longer available. Foley Engines operates



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from a 20,000 SF facility with modern machine tools and equipment to fabricate new replacement parts. The company stocks approximately 200 new and remanufactured PTOs that are ready for same day shipment. **Visit foleyengines.com**

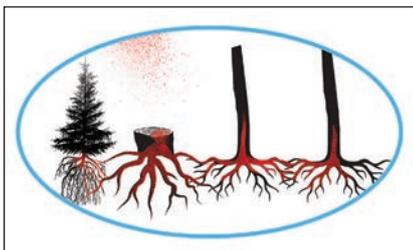
Butt Rot Treatment

Butt Rot is the common name of a fungus that grows on freshly cut stumps that can spread to the root system of adjoining live trees, working its way up and ruining the most valuable part of the tree—the butt log. Root contact from infected stumps can infect surrounding trees and newly planted trees with potential severe economic loss. Infection through sequential thinning can be expected to be exponential. This can render land unusable for forestry.

Effective control measures are necessary for sustainable forestry and include the prophylactic treatment of all freshly cut stump surfaces with borate during thinning and clear felling. The leading treatment is disodium octaborate tetrahydrate (DOT), available as Cellu-Treat, which replaced granular Spoxax. It is designed for mechanized harvester and spray application. Borates are natural salts, have low mammalian toxicity and are essential micronutrients. Boron-deficient forest lands can enjoy a secondary micronutrient benefit from application.

Cellu-Treat DOT borate is EPA and state registered. It has been used and shown most effective since the 1960s. The application of Cellu-Treat is done at 5% solution concentration. Treatments are best done at time of felling (or within one day) to at least 80% of the stump surface and are probably needed when temperatures are expected to be above freezing during the day for up to a month after felling. Early and careful consideration of application equipment can avoid longer-term maintenance costs and can help avoid the need for antifreeze during cold temperature applications.

All conifers are susceptible to this disease, and red pine and trees on



sandy soil and re-forested agricultural land appear more susceptible. Cellutreat DOT borate is easy, low toxicity, effective, non-corrosive, non-heat sensitive (allowing through the bar or under the bar harvester applications) and can have glycol added during freezing temperatures. Mixing and application does not require a respirator. Boron application also improves yield and overall plant health including disease resistance by reversing deficiency. **Visit nisuscorp.com/wood-preservation/timber-harvesting**

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