Key Knife has revolutionized whole log chipping by developing a chipping system that delivers unmatched durability, ease of use, performance, and flexibility. The KPS Chipper System is designed for the progressive mill that is looking for new cutting edge technology to greatly improve chip quality and operating efficiencies. Whether you chip softwood, hardwood, frozen wood, or dry wood the KPS’s flexibility gives you increased control over your operation and chip distribution.
The KPS's innovative Uni-Ridge Knife consistently formulates a uniform chip and provides a smooth transition from the knife across to the counterknife. The smooth transition greatly reduces the break up of quality chips into pins and fines. To improve chip modulation, the KPS gives you the flexibility to adjust knife attack by simply changing the knives. Now more than ever you have greater influence over your mills chip quality and distribution.

The KPS Chipper System increases production through a longer lasting knife edge, quick knife change, and a tough durable design. The Uni-Ridge Knife's 2 precision ground edges have proven to last twice as long as either indexible and conventional knife systems. This gives you the option to continuously run longer and increase production during a shift. The innovative Key Pivot System significantly shortens the time it takes to change knives. Simply turn a few load screws to release the knives. No more loosening dozens of clamp bolts. Due to the KPS's solid design and use of quality materials downtime caused by system failure is virtually eliminated, ensuring your chipper stays running.

The clamp is precision ground and CNC machined from forged 4340 steel. A loading feature changes down on the top bar of the Uni-Ridge Knife for added stability, eliminating knife movement during operation.

The holder is CNC machined from 4340 steel. A diamond carbide powder is welded to the contact surface ensuring the longevity of the holder in even the most aggressive applications. An end plate is welded to each end of the holder to block contaminants from entering the system.

The smaller indexible Uni-Ridge Knife is safer to handle, and eliminates the costly task of grinding and babbitting. The innovative Key Pivot System allows for quick one-man knife changes to be made in less than 30 minutes. Unlike all other whole log chipper systems, the KPS utilizes a segmented pocket design. This allows for the rotation of wear parts in and out of the cutting zone for maximum life. The advanced segmented pocket design is of significant value when metal contaminants enter the system. Instead of having to replace the entire assembly, simply replace or rotate the damaged parts out of the cutting zone to save time and money.