The KEY 50 Ring Slicer has revolutionized the production of quality flakes for the manufacturing of particleboard. Key Knife’s advancements in indexible knife technology and knife-ring design maximize fiber utilization, flake quality, and operating efficiencies. The use of high-grade materials and an innovative design makes the KEY 50 Ring Slicer the most reliable, and economical to run, knife-ring available.
**QUICK AND EASY KNIFE CHANGES**

The KEY 50 Ring Slicer utilizes 3-bolt spring clamping, ridge technology, and a specially designed wear shoe to keep the knife clean in place. The special knife extension feature for quick tool changes allows for a smooth path through a 3-bolt spring clamping feature that eliminates and clamps the knife firmly in place. The adjustable knife-setting feature gives the user the ability to adjust knife extension to precise fit for conventional knife-ring flakers.

**RIDGE KNIFE**

The KEY 50 Ring Slicer's Ridge Knife is CNC-machined from structural steel for exceptional wear resistance and durability. A special surface coating is applied to prevent corrosion. It firmly clamps the Ridge Knife against the wear shoe for precise edge control. The heavy-duty design and increased thread depth provides greater clamping and reduces the chance of base separation during operation.

**INNER AND OUTER RINGS**

CNC-machined from structural steel for exceptional wear resistance and durability. The heavy-duty design and increased thread depth provides greater clamping and reduces the chance of base separation during operation.

**WEAR SHOE**

CNC-machined from structural steel for exceptional wear resistance and durability. The heavy-duty design and increased thread depth provides greater clamping and reduces the chance of base separation during operation.

**BASE**

CNC-machined from structural steel for exceptional wear resistance and durability. The heavy-duty design and increased thread depth provides greater clamping and reduces the chance of base separation during operation.

**HOLDER ASSEMBLY**

Adjustable knife settings for fine micrometer knife adjustments that can be made in the ring assembly.

**RING ASSEMBLY**

50 knife configuration increases production capacity.

**CLAMP**

CNC-machined from structural steel for exceptional wear resistance and durability. A special surface coating is applied to prevent corrosion. It firmly clamps the Ridge Knife against the wear shoe for precise edge control.

**REDUCED POWER**

The advanced design of the KEY 50 Ring Slicer maximizes chip flow and reduces drag on the knife-ring to minimize power consumption. The edge stays sharp and efficient longer, decreasing the chances of parts releasing during operation. Wear shoe transition from knife to shaft and smooth, reducing the problematic bulking of chips around the area. A smooth and efficient knife-ring rotation provides less friction allowing an unobstructed flow of flakes out of the ring.

**INDEXIBLE KNIFE TECHNOLOGY**

Indexible knife technology is the solution for improved flake quality and cut costs associated to the process. Conventional knives require a great amount of time and money to maintain. The KEY 50 Ring Slicer's Ridge Knife is CNC-machined from structural steel for exceptional wear resistance and durability. A special surface coating is applied to prevent corrosion. It firmly clamps the Ridge Knife against the wear shoe for precise edge control.

**IMPROVED FLAKE QUALITY**

The advanced design of the KEY 50 Ring Slicer maximizes chip flow and reduces drag on the knife-ring to minimize power consumption. The edge stays sharp and efficient longer, decreasing the chances of parts releasing during operation. Wear shoe transition from knife to shaft and smooth, reducing the problematic bulking of chips around the area. A smooth and efficient knife-ring rotation provides less friction allowing an unobstructed flow of flakes out of the ring.