

SEED CONTROL UNIT

WEED CONTROL STARTS AT HARVEST

Reduce the spread of weed seeds in the field during harvest. Redekop's Seed Control Unit (SCU) ensures weed and other unwanted seeds are destroyed before they leave the combine. This will eliminate extra tillage and chemicals while having a long-term impact on the field's weed bank.

The SCU can be retrofitted to become a fully integrated part of the combine. It destroys up to 98% of harvested weed seeds that enter the combine using an internal mill. After destroying the seeds, it disperses them into the straw flow.

PRODUCT FEATURES

● INTEGRATED COMPONENTS

The SCU slides along the straw chopper rails for easy access to the combine's rear internals.

● PROPRIETARY MILL DESIGN

The mill is designed to improve weed seed devitalization while reducing power requirements for more efficient operation.

● SIMPLE TO ENGAGE

The system can be quickly engaged or disengaged without special tools, allowing operators to control mill operation with ease while reducing unnecessary power usage and depends on machine improving field efficiency.

● MECHANICAL DRIVE

Utilizing a proven and reliable mechanical drive system directly incorporated in the combine's drive line.

● INTEGRATED MONITORING

The system can be operated through a stand-alone controller or can be integrated into the combine's virtual terminal.

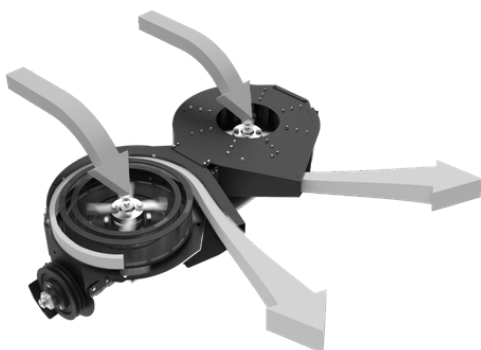




SEE IMMEDIATE RESULTS!

Aerial field views in France post-harvest show significantly less regrowth where the SCU was operating.

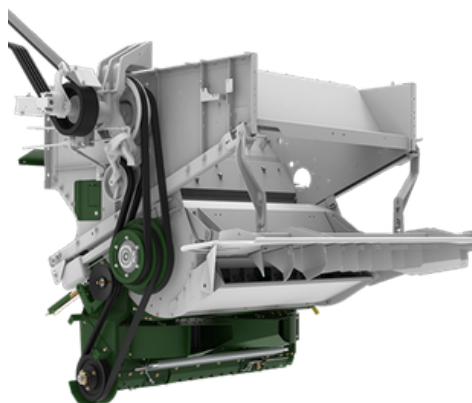
HOW DOES IT WORK?



1

IMPACT AND ACCELERATE

Two vertical axis rotors receive small pieces of straw and a variety of seeds from the combine. Operating at 2850 rpm, the rotors move the seeds at up to 400km/hr through a series of obstacles.



2

DEVITALIZE AND DISTRIBUTE

After they have been impacted several times, the seeds become sterile. They exit the mill and join the straw flow to be spread over the entire cutting surface.

DESTROY UP TO 98% OF WEEDS AT HARVEST WITH THE REDEKOP SCU