

DRIVEGUARD: THE NEW OVERLOAD SYSTEM FOR DISC MOWERS WITH COMPACT ANGLE DRIVE

PALMERSTON NORTH – (18th January 2012) – The new Fella driveGUARD overload protection system offers optimum protection for disc mowers in the event of damage. Thanks to a simple, yet ingenious disc, costly damage on and in the cutter bar is prevented and long downtimes are avoided. DriveGUARD can be retro-fitted at minimal cost.

Foreign objects such as stones or other heavy objects are not only irritating but can never be completely avoided. Once these get into the mower unit with the crop flow, they can cause considerable damage to the drive components resulting in downtime and expensive repairs.

INNOVATIVE

FELLA's new overload protection system, driveGUARD, provides the solution to this: The driveGUARD system sits outside the cutter bar under to the mower disc. A two-part profiled flange connected by the overload disc and a roller bearing ensures that the torque is transmitted safely. The overload disc itself is a slotted steel plate. The shape and thickness of the steel plate together with the slot profile determines the safety area between the inner and outer ring offering precisely defined shearing torque.

If a foreign object blocks the rotation of a mower disc, the driveGUARD overload system shears off at the defined breaking points. This interrupts the power train, and the mower disc turns freely. The mower disc remains firmly connected at all times with the cutter bar via the outer part of the profile flange. The sheared plate is simply replaced and work continues.

Thanks to the positioning of driveGUARD on the exterior of the cutter bar, costly damage to the gearbox, long downtimes and contamination of the oil circuit are prevented. Even the loss of the mower disc is safely prevented. The farmer can purchase driveGUARD as a wear part (for example, cutter blades) and replace the part themselves both quickly and cost-efficiently.

driveGUARD kit

Launched at Agritechnica in November 2011, driveGUARD is available from your local FELLA dealer for retrofitting as a driveGUARD kit for all disc mowers with compact angle drive. In the future, driveGUARD will be gradually incorporated into series production for disc mowers with a compact angle drive.

Images:

1. [driveGUARD1.jpg](#)
2. [driveGUARD2.jpg](#)

For More Information Contact your local Fella dealer or

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