

# **Reducing Crop Competition**

## Getting started with top cutting weeds

The **ZÜRN TOP CUT** is a simple tool for mechanical weed control.

- Reduction of crop competition, ensuring yield and quality of the harvest.
- Weeds are cut precisely just above the crop by a horizontal double knife.
- The special helical reel continuously pushes the weeds to the knife and cleans the cutting system.
- Rigid cutterbar with 6 m working width for front loader mounting; pendulum frame for lateral tilt compensation available optionally.
- Infinitely variable hydraulic drives for the knives and the reel.
- Header transporter for safe road transport available as an option.



### Light for the primary crop

Especially in heavy weed populations, the primary crop often suffers from the impact of the weeds. Cutting with the **TOP CUT** provides soybean, for example, with light and increases its growth potential.



#### **Ensuring harvestability**

Cutting off weeds prevents clogging of the harvesters and lowers the moisture content. Thanks to the large reel diameter, the **TOP CUT** can also eliminate tall weeds and large plant volumes.



#### **Broad range of applications**

The **TOP CUT** is suitable for a wide variety of weeds throughout the entire vegetation period. These include velvetleafs, goosefoot, thistles, sunflowers, amaranth and grasses. Topping grassland to control herbs in an early state is also possible.



#### As a rental machine or in shared ownership

Thanks to its intuitive operation, the **TOP CUT** is ideally suited for use across farms. Equipped with an operation hours counter and the matching header transporter, the machine can be attached to common tractors with a hydraulic flow rate of only 25 L/min.

The Euro adapter frame makes it simple to attach to the front loader. Thereby, this enhances the operator's overview of the cut, the angle setting and the parallel and height guidance.



#### **Double Knife**

The double knife ensures a controlled shear cut that reliably trims both fine grasses and thick stems. The robust swing lever drive of the knife gearbox is particularly durable and long-lasting.



#### Reel

The brushes on the helical reel sweep the blades and ensure a continuous crop flow - even in heavily weeded areas. The reel can be positioned precisely by adjusting it vertically and horizontally.



#### Modular

Later upgrades are easily possible thanks to the modular design with identical components and defined interfaces. For example, the pendulum frame on the front loader or a working width module can be retrofitted.



#### Lightweight

At just 340 kg, the

TOP CUT can be easily picked
up with a front loader and
is practically unlimited in its
upward height adjustment.
The possibility to transport it
on a simple car trailer comes
in handy as well.



#### The initial thought

**ZÜRN** already introduced the **TOP CUT** collect in 2019, an invention by the French farmer and inventor Romain Bouillé. Weeds are cut above the canopy of the standing crop, transported via conveyor belts into a hopper and thus removed from the field. Efficiency and field hygiene are in the spotlight.

In response to market demand and the growing interest in weed cutting, the **TOP CUT** was developed. The well-proven technology from the **TOP CUT** collect is now available in a technically less complex version and is aimed at facilitating the introduction to weed cutting.





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