



GROUP SCHUMACHER

SCH® CuttingTECHNOLOGY | EN | 2023

EASY CUT II
by SCHUMACHER.

CuttingTECHNOLOGY



EASY CUT II
by SCHUMACHER.

Harvesting demands peak performance
Use the best equipment that you can get

The cutting system is the key to your success

Features

- Outstanding durability
- Easy, bolt-on assembly
- Exceptional strength
- Excellent cutting quality
- No servicing, no adjusting

User benefits

- Reduced replacement costs
- Reduced changeover and down times
- Country-wide availability of parts

The only universal cutting system on the market



higher workrates



wider harvest windows



quieter running



more output



Precise and clean

Be one cut ahead

Inhalt

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The SCHUMACHER guard has two cutting edges that provide effective guidance to the knife

Gripping and exact

The EasyCut II guard

Box-shaped design

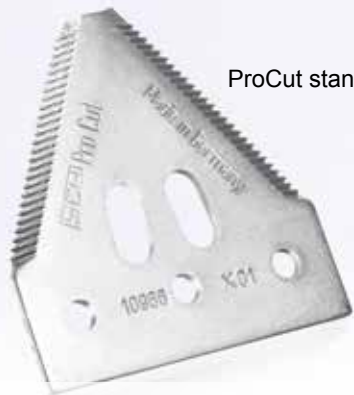
- The guards are bolted to the top and the bottom of the angle bar for maximum stability and height control
- Guiding plates at the back ensure perfect adjustment and firm attachment



Two cutting edges

- High wear-resistant surfaces and a flexible core
- Beveled cutting edges are hardened for extra sharpness and resistance to wear
- Precision gaps give smooth knife control





ProCut standard



ProCut air

Both sections are fitted in the unique Schumacher face up / face down arrangement

Twice as sharp



The EasyCut II section

High strength

- The ProCut sections are fully hardened and their surfaces are galvanized
- The teeth are optimized to suit all harvest conditions
- Option of configuring ProCut Standard and ProCut air

Tight fit

- The bolts that are used to attach the ProCut sections have conical and serrated shafts in order to ensure a firm attachment to the knife
- Easy replacement of the sections



Easy transport, storage and assembly

Everything in a 2.60m (9ft) box

Easy shipping

- All knives fit in a 2.60m (9ft) box
- Easy shipping
- Prompt and cost-effective next-day delivery

The knife assembly kit

- Easy assembly
- Precote bolts with pre-coated threads ensure tight fit

The EasyCut II sectional knife





Force needs counterforce

Balanced forces

The EasyCut II guiding plate



Strong partners

- The guiding plates supports the knife back and guides the section
- Separate component that is easy to replace





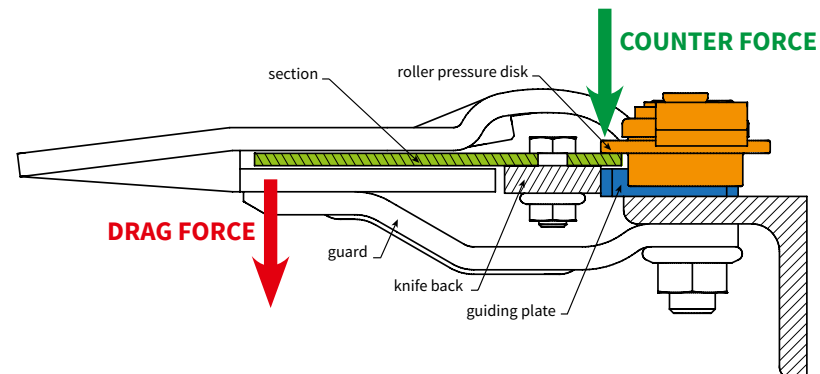
The roller guides the sections with low wear

Optimal guidance for the knife

EasyCut II roller guide

The sandwich system

- Ball-bearings in roller guides ensure smooth knife performance
- Reduced wear in the entire systems
- Reduced vibrations





Each kit includes all the parts and adapters
that are necessary for your specific header model and width

EasyCut cutting system

EasyCut II kits

EasyCut II kit

- Guards + 1 spare guard
- Knife with knife connection kits
- Knife head and accessories
- Knife guidance
 - Standard: Guiding plates
 - Comfort: Guiding plates and top rollers
 - Premium: Top and bottom rollers, spacers
- Lifter attachment kit
- Bolts and nuts
- Section replacement kits
- Assembly instructions and parts list
- MultiTool



A clean cut

3 cutting versions

EasyCut II kits

EASY CUT II
by SCHUMACHER.



Standard

Guiding plates



Comfort

System of guiding plates and top rollers



Premium

Top and bottom rollers, spacers

THE ORIGINAL

Original spare parts shipped in original boxes

Maintain the cutting force



EasyCut II spare parts

Double guard



Triple guard



Special guards

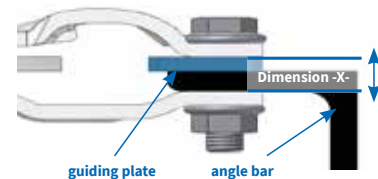


Dimension -X-	Color
12 mm	black
14 mm	red brown
17 mm	grey

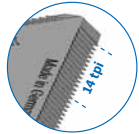
* Color scheme for all SCHUMACHER guards

The -X- dimension

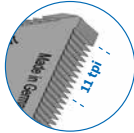
Please note that the -X- dimension is a critical parameter in choosing the correct guard version (12|14|17 mm) and the correct guiding plate (4|5|6 mm).



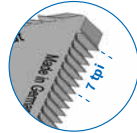
ProCut / ProCut air section



fine
14 tpi = 14 teeth per inch



coarse
11 tpi = 11 teeth per inch



extra coarse
7 tpi = 7 teeth per inch

Knife assembly kit



Bolts and nuts



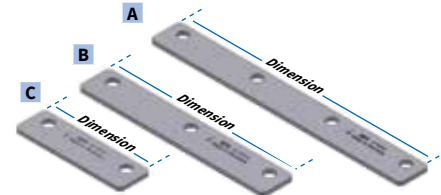
Top roller



Bottom roller



Guiding plates



	Thickness	Dimension	Color
A	4 mm	256 mm	khaki
	5 mm	256 mm	blue
	6 mm	256 mm	black
B	4 mm	180 mm	khaki
	5 mm	180 mm	blue
	6 mm	180 mm	black
C	4 mm	104 mm	khaki
	5 mm	104 mm	blue
	6 mm	104 mm	black

MAINTENANCE

The multi-tool is easy to use and
the ideal helper for every combine driver

Check the gap

When the guards wear

Guards need regular checks for wear



- A new guard offers a 3.8 – 4.2mm gap
- In a gap wider than 5.4mm there is no control on the knife
The rounded cutting edges are unable to cut the stalks properly

MAINTENANCE

Take a new section and use it as a template. Bolt the worn section on top of the new one for comparison and determine the degree of wear

Measuring section wear

When the sections wear



The teeth are pointed

- The space between the teeth is worn
This section will not give clean cuts
- The pointed teeth seem sharp but are not



- The stalks are not cut but ripped. This way they are pulled into the guard as the section changes direction
- This leads to blockages, higher forces and vibration

MAINTENANCE



Replace the guiding plates

When the guiding plates wear



Worn guiding plates

- The 90° edge is worn
- Lacking proper control and guidance, the section wobbles as it moves in the gap



- The knife has lost optimum counter balance. No proper guidance causes the knife to wobble
- The cut becomes less precise and wear increases on all components involved



Crop lifters are exposed to great forces

The SCHUMACHER crop lifter

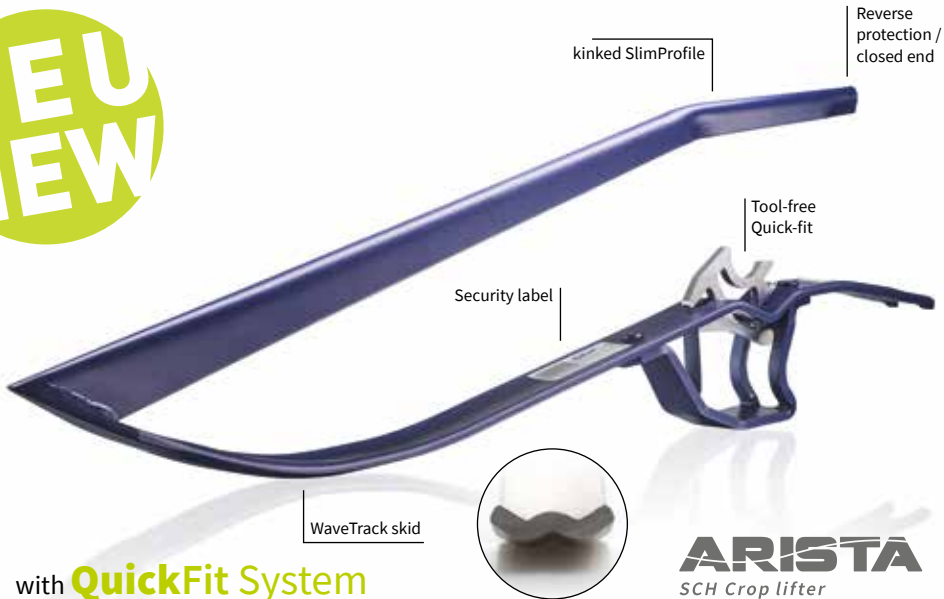
Why using crop lifters?

Use crop lifters – boost your productivity

Advantages of crop lifters

- Lifters significantly reduce losses in downed crop
- Lifters reduce overall machine wear, because no soil will enter the combine when cutting too low
- Lifters reduce cutter bar losses in short-stemmed grain and low-hanging ears
- Lifters significantly enhance the crop intake and threshing results by optimizing the material flow

NEW
NEW



with **QuickFit System**

ARISTA crop lifter

Features

- Attachment and height-adjustment without tools **to top of the guard**
- Two easy-setting height options
- Suitable for all SCHUMACHER guard versions
- The kinked profile and the closed end maximize crop intakes and protect from damage by the reversing reel
- 20% less skid wear

User benefits

- Universal design for attachment to rigid headers and flex headers in locked mode
- Reduced changeover and downtime
- Much lower loss rate



ASL crop lifter

Technical Features

- **Attachment to the underside** of the guard without tools
- Three height setting options
- 20% less skid wear
- Excellent stability and gliding dynamics
- Reduced losses on the knife and optimized crop flow

User benefits

- Reduced changeover and down times
- Much lower loss rate
- Reduced replacement costs

Perfect Harvest.

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