

SCHMOTZER



Hoeing Technology News



GO FOR INNOVATION

RapidoClip system

Hoe share changing in unparalleled record time

The RapidoClip is the first and completely tool-free quick-change system for hoe shares on the market! With this system, replacing hoe shares is a breeze and can be implemented in unparalleled record time. At the same time, you save money thanks to the very low wear costs.

The RapidoClip hoe shares feature a very flat cutting angle. As a result, they move much less soil and at the same time, they deposit weeds better on the soil surface so that they can dry out better.



The most important benefits of the RapidoClip system at a glance:

- Innovation of the hoeing technology market with the first and only tool-free quick-change system for hoe shares
- Flexible use and retrofit possibility on various hoeing machines (regardless of the brand)
- 3 mm thin share plate for a consistently sharp cutting edge
- Share changing without tools in < 10 sec. per share enables time savings of up to 90 %
- Option to mount a shallow ridger with adjustable intensity
- Low-wear share plates thanks to carbide coating -
- Inexpensive replacement in case of wear, because only the share plates are replaced

In a nutshell:

Changing to the RapidoClip system can save time, money and hassle!



Done in no time at all:
Changing the shares takes less time
than reading the instructions:

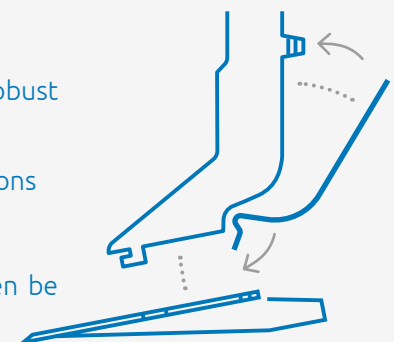
1. Press the spring level on the hoe shaft and take out the fastener
2. Fold down the spring lever and take it out of the slot on the hoe share
3. Move the hoe share forwards and let it slide off of the shaft

Of course, to attach the new hoe share it works the same way but in reverse order.



New and only from SCHMOTZER

- **Brilliant:** hoe share changing without tools in less than 10 sec.
- **Economical:** easy on the purse, because the shaft is extremely robust and only its plate must be replaced as a spare part
- **Reliable:** the hoe share is securely held in place under all conditions
- **Precise:** thin, sharp hoe share with flat pitch
- **Adaptable:** can be locked in any position, flexible and can even be used on hoeing machines from other manufacturers.



SmartVision

This quality camera does not miss a thing



Mechanical weed control in row crops calls for maximum precision. To make work easier on humans and the machine, we have a new camera in our portfolio, which optimally guides the hoe in the track with electronic control. This not only relieves the driver and reduces driving errors, it also allows for higher working speeds and therefore increases area efficiency.

The camera identifies the crop row by its size, colour and arrangement, and guides the hoeing machine through the crop. Slope gradients are automatically detected and compensated. The terminal allows the driver to check the precise row detection in HD quality at all times.





The most important benefits of the SmartVision camera at a glance:

Camera system

- High-contrast image with full HD resolution
- Detection starting from a plant size of 2 x 2 cm
- Multiple-row detection up to 5 rows
- Up to 20 km/h working speed

Slope correction

- Tilt sensor on the sliding frame
- Automatic slope correction
- Tilt angle +/- 30°
- Current slope inclination is shown in the display

Display

- High-resolution 10-inch display
- High brightness
- Dust-tight and protected against water jets



New and only from SCHMOTZER

- **Robust:** resistant according to IP 65, dust-tight and can be cleaned with high-pressure cleaners
- **Ingenious:** reliable hoeing on side slopes, even with less experienced drivers
- **Intuitive:** super easy setting and operation



Linear sliding frame



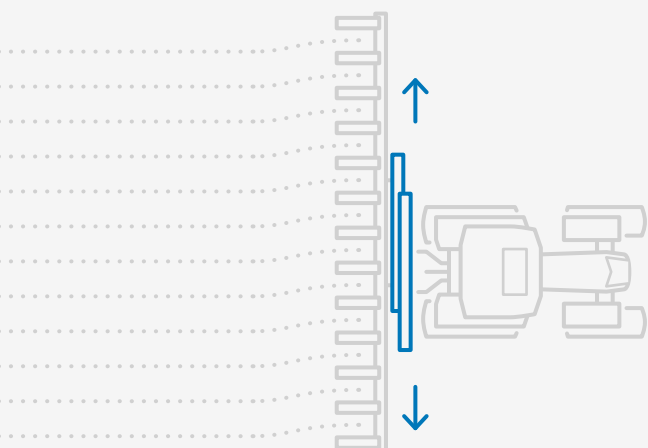
VR 2

Any camera system is only as good as the controls that slide the frame. During hoeing operation, the sliding frame is responsible for guiding the hoe bodies through the plant rows. With the VR 2 linear sliding frame, SCHMOTZER offers the solution for all operating conditions.



New and only from SCHMOTZER

- **Compact:** low counter-ballasting required; stable on slopes
- **Practical:** much lower requirements on the tractor hydraulic system; load sensing-compatible
- **Reliable:** risk of drifting of the tractor and hoeing machine on slopes is minimised
- **Versatile:** infinitely variable track width adjustment up to 3 m (with extension set) is possible
- **Low maintenance:** central lubrication point; protected electronics and hydraulic system





The most important benefits of the VR 2 at a glance:

Sliding path

- 60 cm total sliding distance
- Safe guidance of the hoeing machine through the crop rows

Integrated oil circulation

- Central oil supply of the hoeing machine's hydraulic consumers (actuation of the sliding frame, Section Control)
- Control unit + pressureless return flow or load sensing

Stabilisation disc

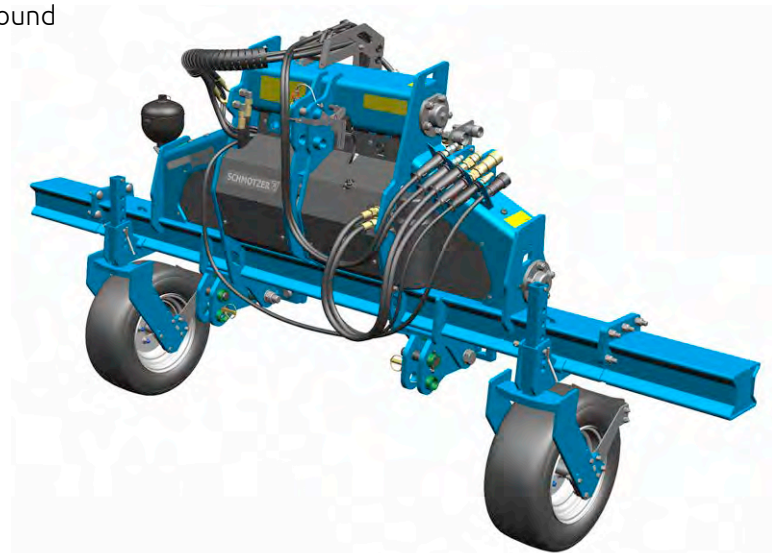
- Anchoring of the sliding frame
- Lateral forces of the VR 2 are routed into the ground
- 1 or 2 stabilisation discs
- Variable mounting on the VR 2

Track widths

- Support wheels (195/55 R10, 225/55 R12)
- Optional wheel scrapers
- Variable track widths 1.5 m to 2.25 m
- With extension set, track widths up to 3 m

Coupling point

- Tractor: Cat. 3/ Cat. 3N
- Hoeing machine: Cat. 3/ Cat. 3N



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