



ROW-CROP CULTIVATOR CHOPSTAR-TWIN

The CHOPSTAR-TWIN precision hoe was developed for precise hoeing above the row. The hoeing parallelogram does not work between the rows, but is mounted directly above the row. This allows a very narrow hoeing belt, which makes it possible to hoe young crops very early and narrow at the same time.

This is achieved by two cutting disc adjustable in angle in combination with following angle knives: two Farmflex wheels running close to the crop row ensure an exact working depth of the hoeing elements. The CHOPSTAR-TWIN, in combination with the camera steering system ROW-GUARD, is perfectly suited as a precision hoe for special crops, cereals, soybeans, beets, corn, vegetables, herbs, etc.



For hoeing many arable crops such as corn, beet, soybeans or field beans and special crops (vegetables, herbs,...).

| Type | Transport width in m / ft ²⁾ | Frame length in m/ft. mounting category | Tines | Hoe elements | from HP/KW ¹⁾ | Weight approx. kg / lbs |
|--|--|--|-------|--------------|--------------------------|----------------------------|
| Rear mounted (Recommendation - use with camera steering system ROW-GUARD) | | | | | | |
| ETH 5-row RIGID ³⁾ | 2.30 / 7.50 | 2.00 / 6.60 / II | 10 | 5 | 30/22 | 580 / 1278 |
| ETH 6-row RIGID | 2.75 / 9.00 | 2.45 / 8.00 / II | 12 | 6 | 40/30 | 610 / 1344 |
| ETH 8-row HG ⁴⁾ | 3.00 / 9.80 | 3.35 / 11.00 / II | 16 | 8 | 60/44 | 940 / 2072 |
| ETH 12-row HG ⁴⁾ | 3.00 / 9.80 | 5.15 / 16.90 / II | 24 | 12 | 70/51 | 1330 / 2932 |
| ETH 15-row HG ^{4, 7)} | 3.20 / 10.50 | 6.50 / 21.30 / II | 30 | 15 | 90/66 | 1730 / 3813 |
| ETH 18-row HG ^{4, 8)} | 4.80 / 15.80 | 7.85 / 25.80 / III | 36 | 18 | 130/96 | 2070 / 4563 |
| ETH 18-row HG ⁵⁾ | 3.05 / 9.80 | 7.85 / 25.80 / II | 36 | 18 | 130/96 | 2260 / 4982 |
| ETH 24-row HG ^{4, 6)} | 6.70 / 22.00 | 10.55 / 34.60 / III | 48 | 24 | 160/118 | 2650 / 5842 |
| ETH 24-row HG ⁵⁾ | 4.00 / 13.10 | 10.55 / 34.60 / III | 48 | 24 | 160/118 | 2860 / 6305 |

1) HP/kW figures only valid for basic equipment

2) Depending on row spacing - details on request or on order confirmation

3) Cannot be used with ROW-GUARD

4) Hydraulic folding - triple-frame

5) Hydraulic retraction - double folding frame, 4 air wheels 18x8.50

6) 4 gauge wheels and 1 rubber support wheel on each side wing instead

of upper-link steering

7) 2 gauge wheels and 1 rubber support wheel on each side wing instead of upper-link steering

8) 4 gauge wheels instead of upper-link steering



STANDARD EQUIPMENT

- ✓ Depending on the specification and the configuration, mainly the width of the sweeps, the row spacing can be adjusted from 35 cm / 13.80" up to 75 cm / 29.50"
- ✓ Lower links guided on both sides
- ✓ Automatic upper link steering with upper link spindle and gauge wheels
- ✓ Adjustable retraction support on each parallelogram
- ✓ Two adjustable Farmflex-feeler wheels, bearing mounted, Ø 300 mm / 11.80" / 65 mm / 2.56" wide per parallelogram
- ✓ Robust, adjustable parallelogram
- ✓ Vertical cutting discs Ø 220 mm adjustable in angle and in distance to each other
- ✓ Vibrotine 40x12 with holder 35x11 and angle knife 120 mm / 4.70" incl. guiding plate
- ✓ Hoeing parallelogram mounted above the crop row

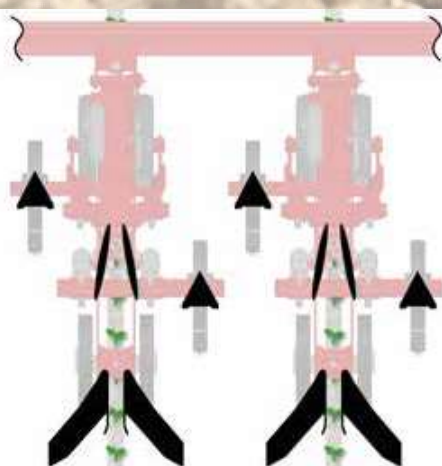
OPTIONS

- Finger hoe
- Rotation weeder element
- Height-adjustable weeder tines mounted behind the element
- Various vibro-tines, sweeps and angle knives
- Bypass tines for hoeing the unworked space
- Warning signs with LED-lights
- Hydraulic steering pilot for extreme slopes
- Hydraulic manual steering with seat
- Camera steering system ROW-GUARD
- P-BOX seeder for undersowing or fertilizing
- Other accessories customizable

CONCEPT CHOPSTAR-TWIN

CONCEPT

- » Precision row-crop cultivator for hoeing over the row
- » Narrow hoeing belt with unworked area less than 5 cm / 1.90"
- » E.g. for corn, soybeans, field beans, beets, ...
- » Row spacing: up to 75 cm / 29.50"
- » Equipped with 2 cutting discs and up to 4 tines (2 angle knives and up to 2 bypass-tines)
- » Following elements: weeder tines, rotative weeder or finger hoe



LONG PARALLELOGRAMS WITH RETRACTION SUPPORT

The wide parallelograms are equipped with retraction support and durable Farmflex feeler wheels. Furthermore they can be adjusted in the joints, this guarantees a high (side)stability and accuracy after many years of use. The long parallelograms provide enough space to compensate unevenness of the fields on each element, on hills or pans. The retraction support, which you can adjust in three steps guarantees a better penetration of the hoeing tools, also in hard crusted soils. This allows to work with increased working speed without vibration or jumping of the elements.



WEED CONTROL OVER THE FULL SURFACE

The earlier and the closer to the row hoeing can take place, the easier the weed control in the row can be done (e.g. by fingerweeders or rotative weeder elements). This ensures reduced weed pressure and supports a good establishment of the crop.



TWIN-HOEING ELEMENT WITH VERTICAL CUTTING DISCS AND ANGLE KNIVES

The hoeing section is guided by two Farmflex-support wheels left and right of the row. It is equipped with two vertical cutting discs, which are followed by two angle knives. They are mounted on vibro-springs, so it is possible to work very closely and shallow to the crop. The result is that young crops can be hoed earlier, closer to the crop and with higher working speed than with standard row-crop cultivators without burying plants. In ideal conditions a hoeing belt of less than 5 cm / 1.90" can be realized. The CHOPSTAR-TWIN can be configured from 30 cm / 11.80" up to 75 cm / 29.50".

