

EXTREM STANDARD

SEEDBED COMBINATION

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SEEDBED COMBINATION

**EXTREM
STANDARD**



Standard equipment EXTREM

2 ZW = Serrated crumbler ø 320 mm and 280 mm

2 FZ = Flat rod crumbler ø 380 mm and
Serrated crumbler ø 320 mm

2 E = Harrow section instead of crumbler

Frame protected against vibrations with rubber suspension
of the sections and crumblers

Working depth parallel adjustable via breadboard

Closed, compact steel-tube frame

Lower link bolts guided on both sides

Lower link and top link are provided with hardened
wear-resistant bushings

Double-acting hydr. cylinders for folding

Hydr. lock block for fixing in transport position

Side wings adjustable - rigid or floating

Mounting category II + III

Screwed crumbler axles

Ball bearing mounted crumblers

Parking support

Transport width 3 m

Holder for track loosener and levelling plate

Operating instructions

Optional equipment EXTREM

Spring mounted track loosener

Track loosener with 70 mm duckfoot sweep

Arable harrow tine section with a line spacing of 40 mm
instead of 48 mm

Side plate left and right

Trailed weeder tines 1-row ø 8 mm

Spring mounted levelling plate (spring mounted not
possible with 2E), height and „dragging“ or „on hold“
adjustable

Warning signs with holder and lights

Due to the specially designed frame with high quality working tools an excellent intense mixing of the seedbed is achieved. Rough crumbling above and light soil below in combination with a good reconsolidation through the serrated crumbler provides excellent germination conditions with an optimal seed deposit.

The seedbed combination EXTREM is predominantly used for seedbed preparation in light or heavy soil after ploughing, depending on the tool equipment.

The „harrow-harrow“-combination is very well suited for heavy, wet and sticky soil conditions without stones. Two harrow-sections are mounted one behind the other, the front of the sections hang on chains.

The seedbed combination STANDARD, which is available without or with a 1-row serrated crumbler, is mostly used for towing.

The EXTREM is not suitable for the seedbed preparation of wintergreen vegetation areas nor for mixing in liquid manure nor for eliminating couch grass. For these kinds of tasks please refer to our VIBROSTAR and TAIFUN brochures!

EXTREM



A PERFECT SEEDBED AND AN INCREASED OUTPUT

The increasingly precarious cost and labour situation of farmers requires equipment that is highly efficient and flexible and still yields top results. In seedbed preparation, mounted, trailed or semi-trailed machines are of great importance next to the PTO-driven machinery in all areas of secondary soil cultivation for grain, rape, potatoes and other row crops as well.

Neither the weather nor fertiliser or chemicals can undo damage caused by mistakes in seedbed preparation. Well-planned cultivation will get the soil into a state of mellowness which will best activate the mineral fertiliser. Neglecting field preparation can result in a massive increase in weeds leading to crop loss of 20 % and more. Thus correct soil preparation is essential to create the best possible environment for the seeds to be planted and to supply enough nutrients and space for roots and micro-organisms.

Cultivation equipment should therefore provide

- a levelling of the surface
- adequate penetration of the working tools
- loosening and crumbling
- closing and reconsolidating the soil

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GETTING JOY OUT OF SOIL PREPARATION

Only a perfect seedbed results in high yields.
Therefore a precise setting of the machine is necessary.





SIMPLY STRONG

INNOVATIVE, RELIABLE TECHNOLOGY



EXTREM in **transport position**

The lower and top lift links are equipped with hardened bushings and the lower links are guided on both sides.

The spring-suspended **track looseners** can be adjusted simply to the track width. In order not to bring too much soil moisture to the surface they shouldn't be set too deep.



Also the **levelling plate** must be adapted exactly to the soil conditions: It is height-adjustable with a bolt. The integrated adjustment settings ("drag" or "grip") will cause it to squash the clods, level the surface and even out the tractor tracks. The tools run very smoothly and the working depth remains exactly the same. The levelling plate is a useful tool especially for springtime seedbed preparation. A shear-off bolt protects it from overload.

The **safety track looseners** are protected against overload with a pressure spring and feature a 70 mm duckfoot share as standard equipment. Recommended for stony soil.

The **working depth** is parallel adjustable in a breadboard.



SMOOTH RUNNING FOR AN OPTIMAL SEEDBED

A **hydraulic lock block** enables a rigid setting of the side wings. This ensures an optimal levelling.

The side wings are adjustable from rigid to floating upwards **via a pawl**.

The side wings are floating downwards, when a fastening is removed.

The frame is very well protected against vibrations via **rubber suspensions** of the sections and crumblers.



Technical data EXTREM

Type	Weight approx. kg	Working width in cm	Sections	hp/kW	Line spacing mm/tines
EXTREM 400 E-2ZW ^{1,5}	1.785	380	4	90/66	48/80
EXTREM 400 E-2FZ ^{1,6}	1.785	380	4	90/66	48/80
EXTREM 400 G-2ZW ^{2,5}	1.785	380	4	90/66	64/60
EXTREM 400 G-2FZ ^{2,6}	1.785	380	4	90/66	64/60
EXTREM 400 2E ³	1.785	380	8	90/66	48/160
EXTREM 400 KS-2FZ ^{4,6}	1.785	380	4	90/66	105/36
EXTREM 500 E-2ZW ^{1,5}	1.975	480	4	110/81	48/98
EXTREM 500 E-2FZ ^{1,6}	1.975	480	4	110/81	48/98
EXTREM 500 G-2ZW ^{2,5}	1.975	480	4	110/81	64/76
EXTREM 500 G-2FZ ^{2,6}	1.975	480	4	110/81	64/76
EXTREM 500 2E ³	1.975	480	8	110/81	48/196
EXTREM 500 KS-2FZ ^{4,6}	1.975	480	4	110/81	105/46
EXTREM 600 E-2ZW ^{1,5}	2.165	580	4	140/103	48/120
EXTREM 600 E-2FZ ^{1,6}	2.165	580	4	140/103	48/120
EXTREM 600 G-2ZW ^{2,5}	2.165	580	4	140/103	64/92
EXTREM 600 G-2FZ ^{2,6}	2.165	580	4	140/103	64/92
EXTREM 600 2E ³	2.165	580	8	140/103	48/240
EXTREM 600 KS-2FZ ^{4,6}	2.165	580	4	140/103	105/56
EXTREM 700 E-2ZW ^{1,5}	2.740	680	6	170/125	48/136
EXTREM 700 E-2FZ ^{1,6}	2.740	680	6	170/125	48/136
EXTREM 700 G-2ZW ^{2,5}	2.740	680	6	170/125	64/106
EXTREM 700 G-2FZ ^{2,6}	2.740	680	6	170/125	64/106
EXTREM 700 2E ³	2.740	680	12	170/125	48/272
EXTREM 700 KS-2FZ ^{4,6}	2.740	680	6	170/125	105/64
EXTREM 800 E-2ZW ^{1,5}	2.990	780	6	200/147	48/158
EXTREM 800 E-2FZ ^{1,6}	2.990	780	6	200/147	48/158
EXTREM 800 G-2ZW ^{2,5}	2.990	780	6	200/147	64/122
EXTREM 800 G-2FZ ^{2,6}	2.990	780	6	200/147	64/122
EXTREM 800 2E ³	2.990	780	12	200/147	48/316
EXTREM 800 KS-2FZ ^{4,6}	2.990	780	6	200/147	105/74

¹ E = Arable harrow tine section

² G = Mini seedbed tine section

³ 2E = 2x arable harrow tine section

⁴ KS = Special tine section

⁵ 2ZW = Serrated crumbler ø 320 mm and ø 280 mm

⁶ 2FZ = Flat rod crumbler ø 380 mm and serrated crumbler ø 320 mm



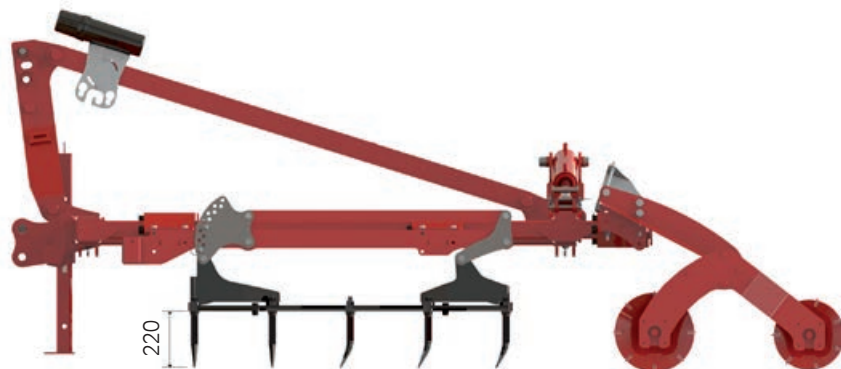
MODERN SEEDBED PREPARATION

KNOW-HOW RESULTS IN SUCCESS

- ▶ Robust, closed profile frame with favourable centre of gravity, for a long product lifetime
- ▶ Low traction point for good penetration of the working tools as well as constant tool guidance
- ▶ Perfect traction force and lifting capacity transmission due to support of attachment bracket towards the back
- ▶ Optimal penetration even in heavy soil and exact control of working depth
- ▶ All bearings are lubricable and strongly stressed parts equipped with wear-resistant bushings
- ▶ Hydraulic folding, so no lateral swing will develop during transport; transport width always under 3.00 m
- ▶ The right working tool for every soil type and soil consistence
- ▶ Best crumbling with serrated crumbler

E-2ZW **Arable harrow tine section + Serrated crumbler ø 320 mm and ø 280 mm**

Arable harrow tine section, 5-rows, fix mounted, height adjustable
+ little serrated crumblers for heavy soils and good crumbling

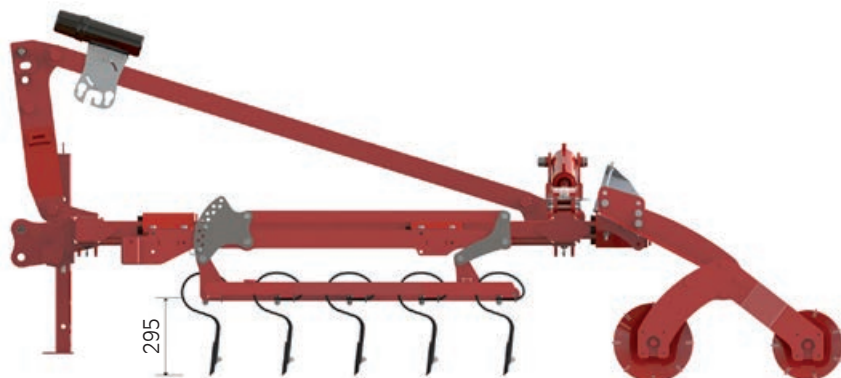


Square metal 20 x 20 mm M18

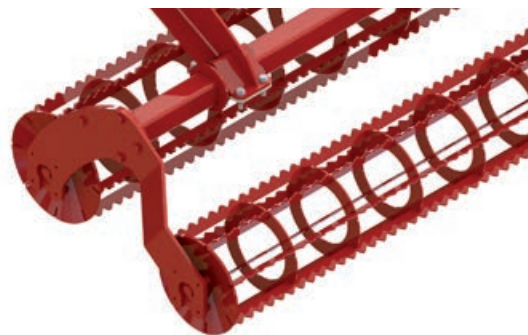


G-2ZW **Mini seedbed tine section + Serrated crumbler ø 320 mm und ø 280 mm**

Mini seedbed tine section, 5-rows, fix mounted, height adjustable
+ little serrated crumblers for medium soils

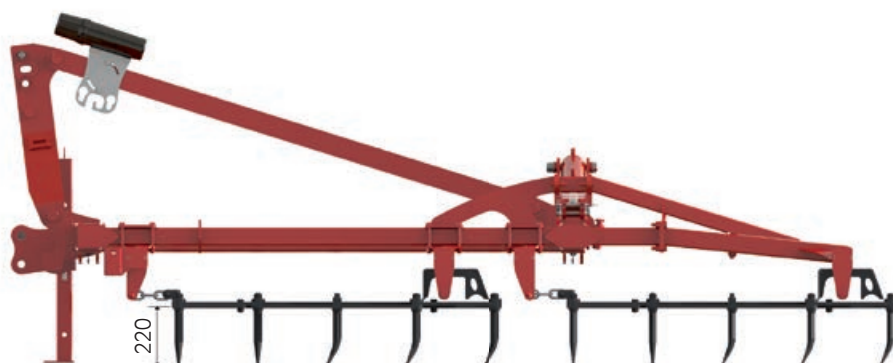


Mini tine straight with changeable share 32 32 x 10



2E **2x Arable harrow tine sections**

Two arable harrow tine sections, 5-rows, front mounted on chains, rear guided,
for heavy, sticky soils without stones up to a working depth of 8 cm

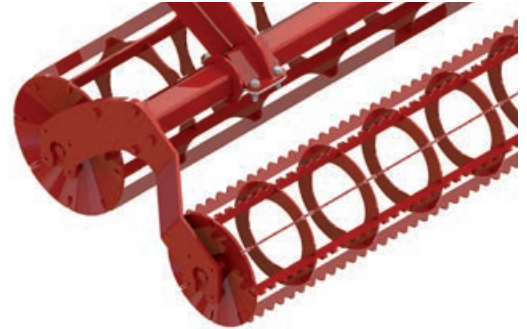


Square metal 20 x 20 mm M18

THE RIGHT COMBINATION FOR A **SUPERIOR PERFORMANCE**

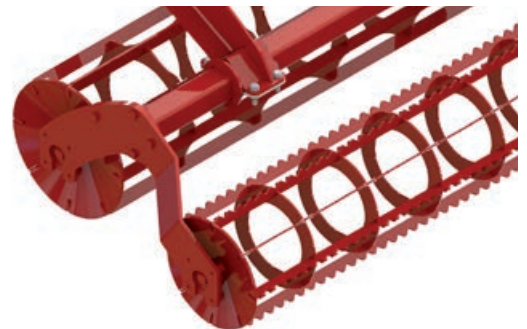
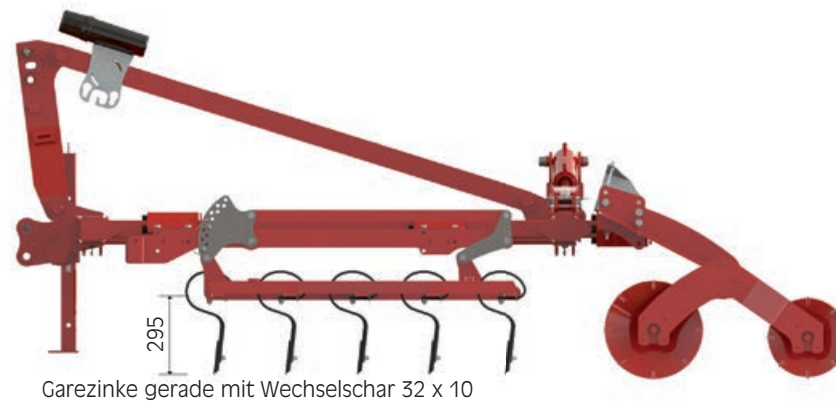
E-2FZ Arable harrow tine section + Flat rod crumbler ø 380 mm and Serrated crumbler ø 320 mm

Arable harrow tine section, 5-rows, fix mounted, height adjustable + big flat rod and serrated crumbler for medium soils, flat rod crumbler ensures high load capacity



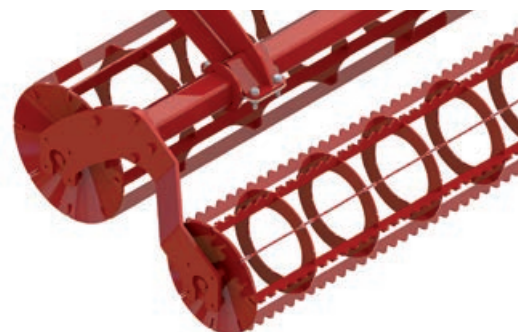
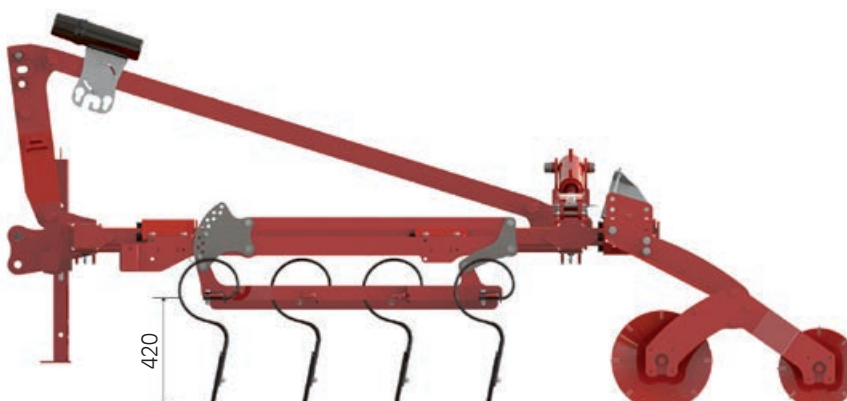
G-2FZ Mini seedbed tine section + Flat rod crumbler ø 380 mm and Serrated crumbler ø 320 mm

Mini seedbed tine section, 5-rows, fix mounted, height adjustable + big flat rod and serrated crumbler für light to sandy soils, flat rod crumbler ensures high load capacity



KS-2FZ Special straight tine section + Flat rod crumbler ø 380 mm and Serrated crumbler ø 320 mm

Special tine section, straight, 4-rows, fix mounted, height adjustable + big flat rod and serrated crumbler higher clearance, deeper working, light harvest residues possible



Seedbed combination **STANDARD** with 1-row serrated crumbler and turned sections with arable harrow tines (for towing) hung in robust frame construction.

On the STANDARD seedbed combination with a working width of 3.90 m to 4.90 m the side wings will be **locked mechanically with a bolt**.

All STANDARD models are foldable to a **transport width of under 3 m**.



Serial equipment **STANDARD**

Arable harrow tine section, turnable, (= version for stony soil)
Lower lift links guided on both sides from 4.9 m working width
Lower and top lift links are equipped with hardened bushings
Mounting category CAT II until 4.90 m / II + III from 5.80 m
Optional crumbler ø 280 mm
Pressure bar for pushing down the sections
Screwed crumbler axles
Parking support
Transport width 2.2 m - 2.9 m
Holding device for track loosener and levelling plate
Operating instructions

Optional equipment **STANDARD**

Spring mounted track loosener
Levelling plate adjustable “dragging” or “on hold”
Safety board on both sides
Warning signs with holder and lights

Technical data **STANDARD**

Type, Working width in cm	Sections	hp/kW	Line spacing mm /Tines	Weight approx. kg
STANDARD 390	4	75/55		
Arable harrow tine sections, without crumbler			48/80	580
Arable harrow tine sections, 1-row crumbler ø 280 mm			48/80	770
STANDARD 490 ¹	4	95/70		
Arable harrow tine sections, without crumbler			48/100	700
Arable harrow tine sections, 1-row crumbler ø 280 mm			48/100	930
STANDARD 590 ^{1,2}	6	115/85		
Arable harrow tine sections, without crumbler			48/120	1.020
Arable harrow tine sections, 1-row crumbler ø 280 mm			48/120	1.290

1 Requires double-acting hyrd. remote, final position lock on the hydr. cylinder
2 no quick coupling bar

Technical data and specifications are approximate and without obligation. Construction and design are subject to change.



HIGH AERA OUTPUT

LOW WEAR COSTS

This inexpensive yet robust arable harrow tine combination with simple hydr. folding (tines show to the outside) is designed for tractors from 75 to 115 hp. The STANDARD has been doing a very good job for years especially in towing.



On the **STANDARD** seedbed combination the harrow section is turnable, as the STANDARD will be used predominantly for towing.

Dimension of tines:
Square 20x20 mm
with M16
Clearance 220 mm



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Related brochures

- TAIFUN - Universal fine cultivator
- VIBROSTAR - Universal seedbed combination



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