



Einböck

UNIVERSAL FRONT ROLLER

**FRONT-STAR
FRONT-SPIKE**



Standard equipment: FRONT-STAR, FRONT-SPIKE

RIGID or mechanical steering
Lower link guided on both sides
Star- or spike disc arrangements 3 rows
Tool diameter Ø 400 mm
Front-Star: levelling plate spring mounted
Front-Spike: spring mounted dragging tine 1 row
2-component-varnish, wear-resistant, elastic and non-polluting
Operating instructions

Optional equipment FRONT-STAR, FRONT-SPIKE

Hydraulic steering instead of the rigid version
Hose extension to the rear of the tractor
Side plate adjustable / per set = 2 pieces
1 set warning signs with holder and lights backward
1 set warning signs with holder and lights back- and forward
Pre-cultivator (only available with FRONT-STAR)

FRONT-STAR



UNBEATABLE IN FRONT POLE-POSITION FOR YOUR PERFECT SEEDBED

The challenging situation concerning costs and time for farmers requires machines that provide a high impact force and flexible applications, yet promise optimal quality. Beside the pulled seedbed combination, Einböck also offers front machines, which serve in combination with power-takeoff-driven machines for seedbed preparation.

With the correct front roller and/or front packman you create optimal sowing conditions even with difficult soil. By using the suitable front equipment you can lay the cornerstone for a high-yield crop during the seedbed preparation. A well-dug, fine crumbly seedbed is the goal. It does not depend however on the fact that all clods are crumbled. There must be sufficiently fine earth present, in order to obtain a sufficient ground conclusion for the seeds. This is where the correct front equipment can do good preliminary work.

Front hydraulics, which very often the case, usually carry only the front weight. Deep tracks from the front wheels are the result. Especially on heavy soil you waste precious potential. Front equipment can already level the ground roughly and cut the first clods up. A stronger tractor is in most cases not necessary. With a front-rear combination the power is only differently distributed:

Whether FRONT-STAR or FRONT-SPIKE. The choice of the machine it depends on the soil type.



FRONT-SPIKE



In its basic version the implement is rigid, but by removing a **turnbuckle** the machines can easily be reset to mechanical steering.

A **hydraulic steering**, instead of the rigid version, is available for both types at a surcharge. The hydraulic steering should be ordered for the FRONT-STAR, if the machine is weighted with a dual-active front hydraulic. This steering isn't coupled with the tractor steering, but it must be implemented with the control unit. If no dual-active front hydraulic exists in the front of the tractor, a hydraulic hose extension to the rear of the tractor is available.

The hydraulic steering can avoid driftage on a slope. The hydraulic steering can still be retrofitted at a later time.



Technical data FRONT-STAR, FRONT-SPIKE:

Type/working breite cm	PS/HP*	Weight approx. kg
FRONT STAR 250	95/70	520
FRONT STAR 300	110/80	610
FRONT SPIKE 250	95/70	850
FRONT SPIKE 300	110/80	940

* in connection with a rotary harrow

Technical data are approximate and not legally binding. We reserve the right to alter construction and models.



FRONT-STAR



FRONT-STAR

The 3-row star arrangement and the far star point distance cut the clods up also in damp and extremely heavy soil. The star points break optimally into the ground, which causes a very good cutting. If your front hydraulic can also press, the star points can even help more to break up the soil. The interlinking of the star rows makes even a caking of the soil impossible in extreme conditions. However, a re-consolidation of the soil can take place with the FRONT-STAR only with heavy soil. With stony soil conditions, the FRONT-STAR is only conditionally applicable. The spring-mounted levelling plate, which is height-adjustable without having to use any tools, the furrow combs are broken and crushed, effecting the first crumbling and levelling.

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FRONT-SPIKE

Through their perfect shape and the narrow-spaced 3-row adjustment, the special spike discs will yield an ideal mix of finely granulated and rough soil. As the discs overlap there is no danger that the roller will even be clogged in wet soil conditions.

On ploughed, slightly sandy soil the FRONT-SPIKE is the ideal implement for levelling and re-consolidation. The FRONT-SPIKE is also applicable for stony conditions without any difficulty.

The spring loaded tine-bar, which is height adjustable without tools, levels the plough clod and crushes the remaining clumps.



FRONT-SPIKE



An assembling of a **small seed distributor** is easily and efficient also with hindsight.

For extra charges **warning signs and lights** are available.

The **side plates**, which can be ordered additionally, prevent soil from coming over the operating width.



The spring mounted **dragging tine** of the FRONT-SPIKE is included in the standard equipment.

The **spring-mounted levelling plate** is standard for the FRONT-STAR.

For the FRONT-STAR, a 2-rowed **pre-cultivator** with S-tines or dragging tines is available, which assures better crumbling in very sticky soil conditions.



ECONOMIC SOIL CULTIVATION

OUR KNOW-HOW IS YOUR SUCCESS



- ▶ Little effort, big effect
- ▶ Works well in wet conditions
- ▶ Rigid, mechanical or hydraulic steering
- ▶ In the working position, better distribution of load than with front weights
- ▶ No deep tracks
- ▶ Nearly the same power requirement
- ▶ Improved operating comfort on level surface
- ▶ The frame is constructed to allow for a possible additional load.



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