

HURRICANE

UNIVERSAL CULTIVATOR

Einböck



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HURRICANE



Standard equipment

Tine arrangement 4 rows
Line spacing 20 cm
Clearance height 80 cm
Working depth hydraulically adjustable - 1 double acting hydraulic connection required
Fixed tines with shear-bolt stone protection
Universal share (double diamond share)
Transport width 2.70 - 3.00 m
Optimal penetration even on heavy soil conditions due to adjustable tine angles
Rear rollers ball bearing mounted
Category III lower link width (cat. II up to 3 m)
Lower link guided on both sides
From 4.20 m working width, hydr. foldable, lockable in working- and transport position via safety block (1 additional double acting hydraulic connection required)
Operating instructions

Optional equipment

Wing share mounted on double diamond
Duckfoot-share with guide plate instead of double-diamond share
Narrow share additional of double-diamond share
GOLIATH leaf spring tines instead of rigid tines
Side plate
Support wheels with bracket
Trailed weeder tines 1-row, tine diameter 12 mm, instead of 2-row (for RP 47, RP und N)
Star-shaped levelling discs with side discs
Even discs instead of star-shaped discs
Side discs hydraulically foldable
Warning signs and ligths
Protecting tarpaulin on both sides on the tines for street transport
Seeders



HURRICANE

SHALLOW - DEEP ALWAYS INTENSIVE

More than ever, lowering costs for soil cultivation is a prime target in farming and there are several ways that will get you there. Einböck's HURRICANE has integrated three machines into one to help you reach this goal. Leave it to the HURRICANE to take care of the stubble field surface right after the harvest or to do in-depth work for breaking up patches of compacted soil or to prepare a new seedbed mixing and working in fertilizer and organic mass like harvest residues.

Regardless of whether this will be followed by conventional ploughing or non-turning soil cultivation, the HURRICANE is an extremely compact and versatile universal genius that can be used for small and large acreage. At an optimum speed between 8 - 12 km/h you will achieve the best mixing results and the desired cultivation results. And you will be amazed by its impressive daily performance and the reduction of operational steps. After the HURRICANE has done its job you will have an even and re-consolidated surface to work with. Of course your contribution to the success - selecting the proper cultivating and levelling tools - will remain essential.

When the HURRICANE is equipped with duckfoot shares it does a marvellous job in preparing the seedbed particularly on wintergreen areas. The prevention of soil evaporation after the crop harvest remains one of the most important soil cultivation measures. In developing the HURRICANE we were striving to find the perfect solution for the following aspects.

- To make lost crop germinate
- Transport root weeds to the surface for drying up
- Disrupting of the capillary effect through optimal levelling
- Good incorporation of straw and organic material
- Giving the entire soil a thorough mixing
- Intensively reconsolidating the area and eliminating hollow spaces in dry conditions

The line spacing of 20 cm fulfills the requirement of giving the soil a reinvigorating stirring up while at the same time achieving good mixing results through more tines. With their special shape they help avoid smearing the ground pores closed and let the cultivator retain its low tractive resistance.



The **4-beam arrangement** grants a good incorporation of straw and organic material

For an extra charge we can supply **rubber support wheels**



COST-EFFICIENT, EXTENSIVE, UNIVERSAL **THAT'S HOW I WANT TO CULTIVATE MY SOIL**

- Massive 3-point-tower - strutted towards the back
- Compact large-sized profile tube frame for long product life
- Low-lying tractive point for good soil penetration with the working tools
- Optimal penetration even in heavy soil conditions
- Low tractive resistance due to the special tine shape
- Extensive stirring up
- No danger of blockage due to its generous 4-beam frame construction
- The right trailing appliance for every application and soil type
- Simple working depth adjustment with hydraulically adjustable parallelogram-guided trailing appliances
- The hollow discs are mounted on the parallelogram of the trailing roller. When changing the working depth you do not have to adjust these levelling elements





Technical data

Type/ Working width cm	Tine-rows	Number of tines	hp/kW	Weight approx. kg ¹
HURRICANE 260 ON	4	13	100/74	950
HURRICANE 260 F	4	13	100/74	1.100
HURRICANE 260 R	4	13	100/74	1.135
HURRICANE 260 RF	4	13	100/74	1.290
HURRICANE 260 RP47	4	13	100/74	1.380
HURRICANE 260 R5	4	13	100/74	1.190
HURRICANE 260 N	4	13	100/74	1.515
HURRICANE 260 RP	4	13	100/74	1.515
HURRICANE 300 ON	4	15	120/88	1.010
HURRICANE 300 F	4	15	120/88	1.190
HURRICANE 300 R	4	15	120/88	1.210
HURRICANE 300 RF	4	15	120/88	1.365
HURRICANE 300 RP47	4	15	120/88	1.460
HURRICANE 300 R5	4	15	120/88	1.250
HURRICANE 300 N	4	15	120/88	1.595
HURRICANE 300 RP	4	15	120/88	1.595
HURRICANE 420 ON	4	21	150/110	1.840
HURRICANE 420 F	4	21	150/110	2.150
HURRICANE 420 R	4	21	150/110	2.190
HURRICANE 420 RF	4	21	150/110	2.350
HURRICANE 420 RP47	4	21	150/110	2.390
HURRICANE 420 R5	4	21	150/110	2.150
HURRICANE 420 N	4	21	150/110	2.700
HURRICANE 420 RP	4	21	150/110	2.700
HURRICANE 460 ON	4	23	180/132	1.950
HURRICANE 460 RF	4	23	180/132	2.550
HURRICANE 460 RP47	4	23	180/132	2.590
HURRICANE 460 R5	4	23	180/132	2.370
HURRICANE 460 N	4	23	180/132	2.890
HURRICANE 460 RP	4	23	180/132	2.890

additional weight star disc with side disc

for HURRICANE 260	200 kg
for HURRICANE 300	210 kg
for HURRICANE 420	310 kg
for HURRICANE 460	330 kg

¹ Weight without levelling tools

Nachlaufgerät:

ON	Without rear roller
F	Plain crumbler ø 400 mm
R	Round rod crumbler ø 400 mm
RF	Front round rod crumbler ø 400 mm – rear plain crumbler ø 400mm
RP 47	Ring packer roller ø 470 mm with spring stripper between the rings and trailed weeder tines, 2-rows, ø 10 mm
R5	Round rod crumbler ø 500 mm
RP	Ring packer roller ø 575 mm with spring stripper between the rings and trailed weeder tines, 2-rows, ø 10 mm
N	Nova roller ø 575 with stripper and trailed weeder tines, 2-rows, ø 10 mm

HURRICANE

TECHNOLOGY AT ITS BEST

FOR PERFECT SOIL CULTIVATION



The **line spacing of 20 cm** allows an extensive stirring up. Duckfoot-shares or wing-shares are used in shallower working depths.

You can choose between **star-shaped and even discs**.

A **hydraulic folding system** is available for the outer side discs.

For light, sandy and stony soil conditions a **leaf spring tine** 150x14 is used (only with the rigid version of the HURRICANE)

Regardless of which share is mounted, you can always achieve the best possible penetration result by **adjusting the share angle**. The adjustment screw serves also as the shear guard. The cultivator shaft made from 60x25 material can withstand all kinds of abuse.

Three point with category II up to 3 m working width and category III over 4.20 m. **Two linkage heights** and wear-protection sleeve are part of the standard equipment.



FOR EVERY SOIL

THE RIGHT SHARE

Universal share

The universal (double diamond) share (width 13 cm) is the standard share to work in depths of 8 to 15 cm with extensive stirring-up.

For a shallow working wing share with a width of 22 cm in total can be mounted easily and fast (optional).

Duckfoot share

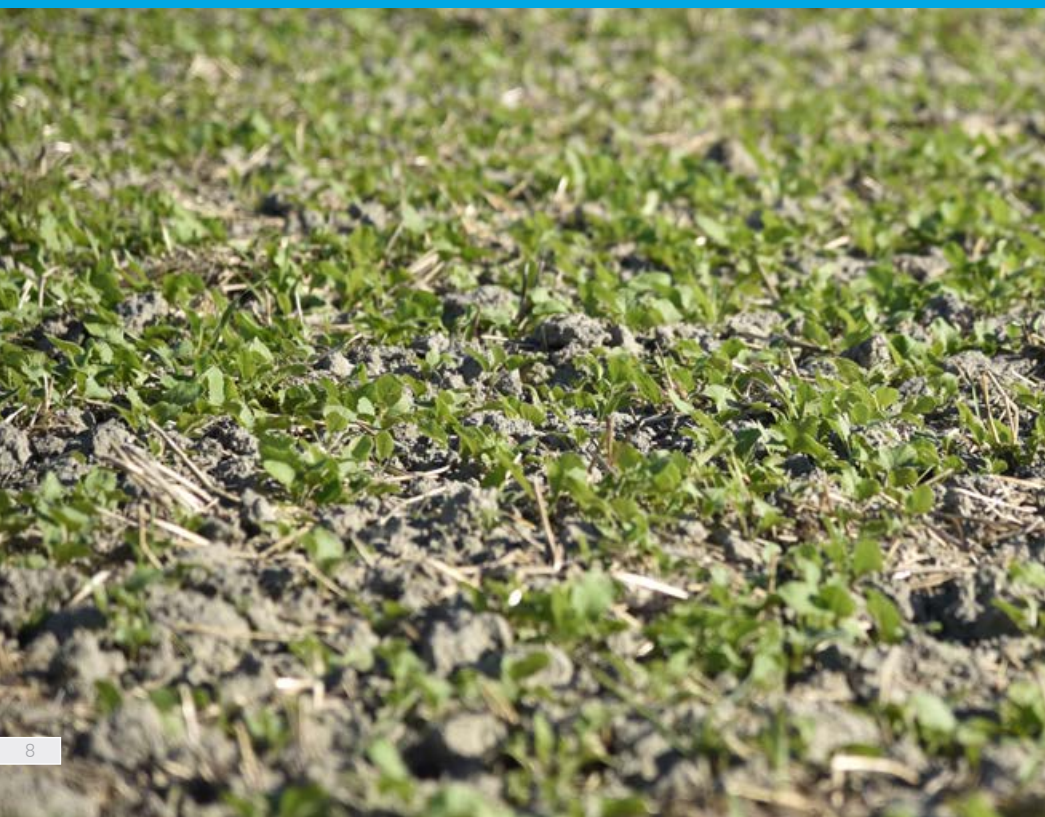
For a shallow operation depth of 4 to 12 cm we offer a duckfoot share with guide plate for an additional charge. The width of 25 cm grants, that the soil will be worked extensively. For the first stubble cultivation you should use it at a working depth of 5 to 6 cm. This will help you avoid, that seed residues and weed seed are buried but are brought to the surface. The guide plate achieves an excellent mixing effect of soil and organic material.

Narrow share

The 10 cm narrow share (optional) is designed for deep penetration, loosening and additional straw mixing. The working depth is 12 to 25 cm (depending on the roller).



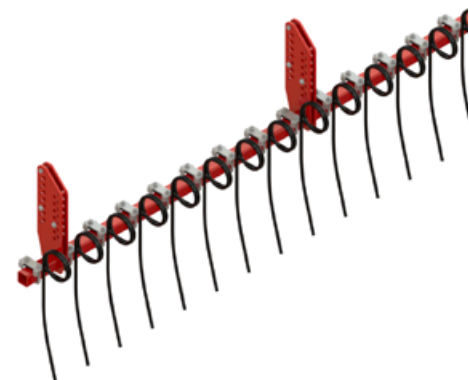
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OPTIONAL: 1-row weeder

With the N, RP and RP47 you can also have a 1-row weeder instead of the 2-row weeder.

Tine diameter 12 mm



F Plain crumbler Ø 400 mm

Good crumbling results on normal soil.



R Cylinder shaped crumbler Ø 400 mm

Good crumbling results on normal soil and good load capacity on light soil.



RF Cylinder shaped - Plain crumbler Ø 400 mm

Good crumbling, good levelling and reconsolidation as well as exact depth guidance. For medium soil, universal use

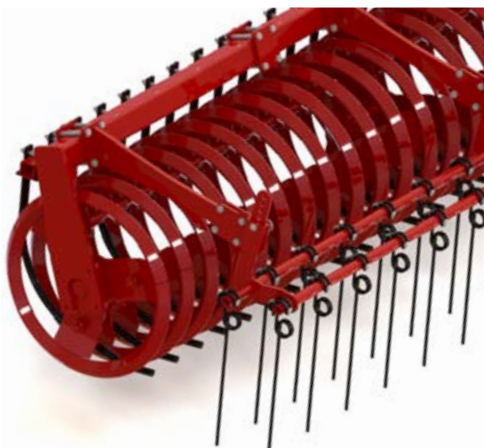


ROLLERS

FOR BEST CRUMBLING AND RECONSOLIDATION RESULTS

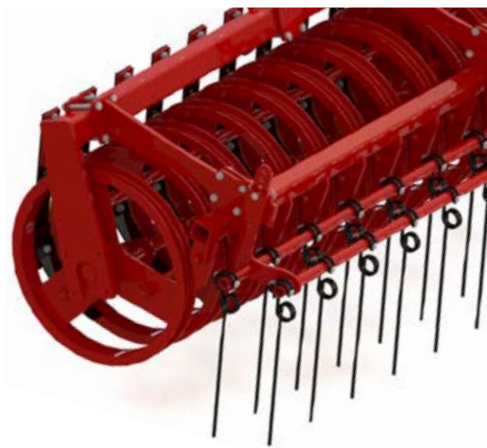
RP Ring packer roller with leveller, Ø 575 mm

The ring packer roller achieves reconsolidation in stripes with a distance of 12.5 cm. The wedge-shaped reconsolidation compacts the soil in greater depths and closes all hollow spaces while the topsoil stays loose and is finely crumbled. Its high load capacity makes it suitable for all types of soil. Spring scrapers between the rings help avoid blockage.



N Nova roller with leveller Ø 575 mm

The Nova roller achieves strips of reconsolidation at a distance of 17 cm. The U-rings, which fill themselves with soil ensure, that soil rolls on soil. This grants a very soil-conserving reconsolidation with a coarse surface structure. With its high load capacity it is suited for all types of soil. Scrapers between the rings level the soil and keep the roller from blocking.



RP47 Ring packer roll with leveller, Ø 470 mm

Same as RP, but with Ø 470 mm and less weight



R5 Cylinder shaped roller Ø 500 mm

High load capacity, good reconsolidation, best suited for light soil. Excellent seedbed results on sandy soil.



The **side shield** ensures a neat side trim. It folds in for road transport.



For an extra charge **warning signs with lights** are available.



TOP TECHNOLOGY YOU CAN RELY ON

The **star-shaped or even discs** are mounted on the parallelogram of the trailing appliances.

They **don't have to be readjusted** when changing the working depth.



The **working depth** can be **adjusted hydraulically**.

The actual working depth can easily be checked via a **scale**.



The HURRICANE 420 and 460 fold **into two separate wings**.
This grants an easy and save-spacing parking of the machine.
The HURRICANE is lockable in working and transport position **via a security locking block**.



AIMING AT **TOP SOIL QUALITY**



P-BOX-STI
P-BOX-MD



DRILLBOX

Especially for sowing intercrops Einböck offers a variety of seeders with complete combinations for modular expansion.

The P-BOX is also suited for foldable machines while the DRILLBOX can only be used on rigid machines.

Related brochures

- TAIFUN - Universal fine cultivator
- SEEDING MACHINES



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