

**Einböck**

**When grassland care  
is joy!**

# SPORTS FIELD WEEDER SPORTSTAR

IDEAL FOR GRASSLAND CARE AND AFTER-SOWING  
TO AERATE THE GRASSLAND  
PERFECT FOR WEED CONTROL



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# SPORTS FIELD WEEDER SPORTSTAR









**SPORTY. GRACEFUL. DILIGENT.**

## SPORTS FIELD WEEDER SPORTSTAR

The SPORTSTAR is the ideal machine to maintain and underseed the turf on sports- and golfcourses. The narrow line spacing of 13 mm / 0.51" and the Ø 6.5 mm / 0.26" thick tines ensure the turf is aerated and dethatched. In combination with a seeding box the weeder is the ideal tool to maintain the lawn. Depending on the specification the SPORTSTAR is a very universal tool (e.g. to incorporate sand).



Type/ Working width in cm	Sections	Feeler wheels	Tines	from HP/KW	Weight approx. kg / lbs
SPORTSTAR 150 rigid	1x1.5	2	114	8/6	200 kg 441 lbs
SPORTSTAR 200 rigid	1x2.1	2	162	10/7	230 kg 508 lbs
SPORTSTAR 300 rigid	2x1.5	2	228	15/11	320 kg 706 lbs
SPORTSTAR 450 hydr. folding	3x1.5	4	342	20/15	560 kg 1235 lbs
SPORTSTAR 500 hydr. folding	1x2.1 / 2x1.5	4	390	30/22	630 kg 1389 lbs
SPORTSTAR 600 hydr. folding	4x1.5	4	456	40/29	740 kg 1632 lbs

## STANDARD EQUIPMENT

- ✓ Tines Ø 6,5 mm / 0.26", 490 mm / 19.29" long | individually exchangeable | 10 cm wear length
- ✓ Real line spacing 1,3 cm
- ✓ Sturdy, durable plastic tine holder
- ✓ Tine loss device
- ✓ Tube frame section providing equal working pressure over the full section width
- ✓ 6 row tine section with central tine adjustment per section
- ✓ 5-stage adjustable angle of the tines
- ✓ Lower links with quick coupling pendular axle
- ✓ Sturdy tube frame | adjustable rubber support wheels | parking support for hydr. foldable machines
- ✓ Large bearing mounted rubber support wheels, dimension 16x6.50/80 (for machines with double-folding 18x8.50-8)
- ✓ The side sections swing in automatically through parallel guidance (for hydr. foldable machines)

## OPTIONS

- » Tines Ø 6,5 mm / 0.26", 380 mm / 14.96" long
- » Adjustable spring-mounted front levelling plate for large mole hills
- » Warning signs with holder and LED-lights
- » Pneumatic seeding box P-BOX

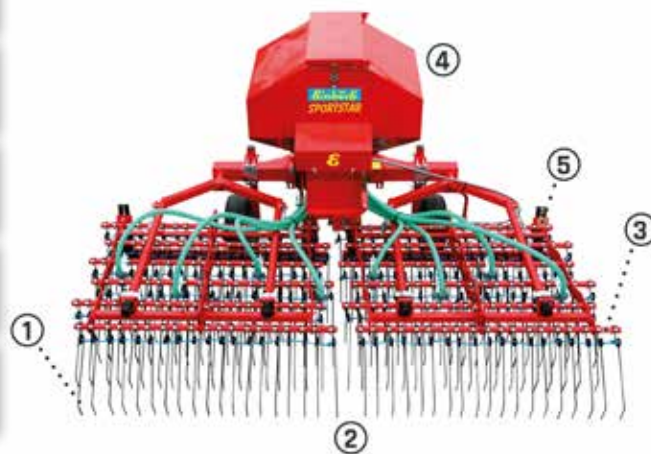


**The SPORTSTAR is THE weeder to improve the quality of the lawn on sports- and golf courses!**



# CONCEPT & DETAILS SPORTSTAR

1. Tines Ø 6,5 mm / 0.26", 490 mm / 19.30" long (optionally 380 mm / 15" long)
2. Line spacing 13 mm / 0.51"
3. Prevention against loosening of tines
4. Optionally available: P-BOX seeding unit
5. Optionally available: front levelling plates



## GREAT FLEXIBILITY OF THE SPORTSTAR

- » To work in sand and worm droppings
- » Removing felt, moss and cut residues
- » Aeration of the soil surface
- » Reseeding and closing gaps (optional)
- » Use on sports fields, golf courses, parks, public squares, riding arenas, lawns, etc.

## EXACT TINE POSITION AND MOVEMENT

The tines are fixed by sturdy plastic holders on the tine fields. This guarantees the tine is aligned exactly in the working direction. The spring of the tine is mounted freely below the tine holder. This improves the vibration of the tine and guarantees the movement of the tine by the spring. In addition, the tines clean themselves through the constant movement. A breaking of the tine is very unlikely since the movement of the tine is not limited.



## EXACT LINE SPACING OF THE TINES 13 MM / 0.51"

The line spacing of exact 13 mm / 0.51" has a significant influence on the effect and quality of the operation. Tine sections with 6 rows with 114 tines on 1,5 m / 4.92 ft. fields ensure an effective and efficient weed control. A bigger distance between the tines will leave unworked strips where weeds will continue to grow and the turf will not be dethatched.



## NO ROLLERS

To combine sport field weeders and rollers in one machine does not provide the desired effect. Even distribution of the seeds over the entire working width, which is ensured by the centrally placed deflector plates, is the key factor for good emergence of the seeds. Furthermore, the operating speed of roller and sport field weeders do not match. In case soil gets stuck to the roller, seeds which have been distributed by the weeder get stuck on it and previously sown grass is collected from the ground again. In addition, a roller establishes contact between previously torn out weeds (such as the rough stalked meadow grass) and the ground. So they will not dry out but continue to grow. Especially for reseeding and grassland care, rolling is not necessary as the roller runs on the turf and has very limited contact to the soil. For new seeding rolling can be beneficial, but it should be done in a separate operation after weeds have dried out and with the optimal working speed for rolling.

## SIMPLE MOUNTING OF A SEEDING BOX

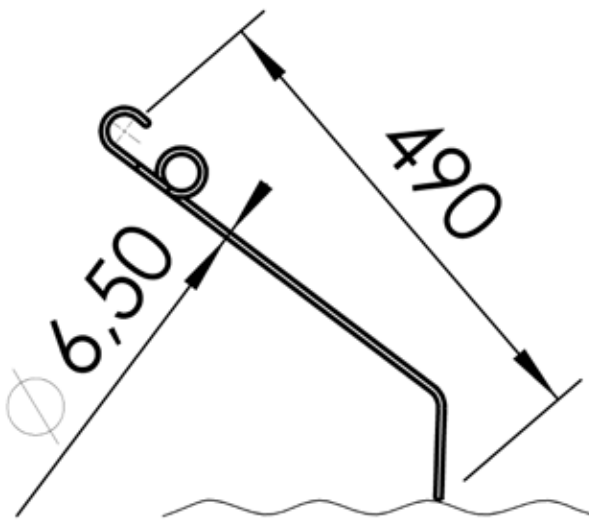
The P-BOX-ST1 or P-BOX-MD seeding boxes can be mounted on all tined weeders. In addition to various additional options for the seed drill, steps for filling are available.





## DETAILS & ADVANTAGES SPORTSTAR

### INCREASED VIBRATION-EFFECT DUE TO SPECIAL TINE HOLDER



### TINES Ø 6.5 MM / 0.26", 490 MM / 19.30" LONG

This universal tine with a diameter of 6.5 mm / 0.26" and a length of 490 mm / 19.30" is perfect for soft operation. A 6.5 mm / 0.26" with 380 mm / 14.96" long tine is available for aggressive operation.

### PLASTIC SUPPORT ON U-FRAME

On the U-frame holding the weeder sections the supports guiding the section are covered with hard plastic. This prevents the U-frame from wearing. In addition, they ensure good guidance of the weeding field, whereby adaptation to the terrain is still possible.





## **LEVELLING PLATE FOR EXCELLENT DISTRIBUTION AND LEVELLING OF MOLEHILLS**

In front of the weeder sections a levelling plate can be mounted, which is overload-protected by a leaf spring. This levelling plate is height adjustable and ensures an excellent distribution and levelling of molehills. Retrofitting of these levelling plates is easily done (only up to 6 m / 19.70 ft. working width, not in combination with hydraulic tine adjustment).

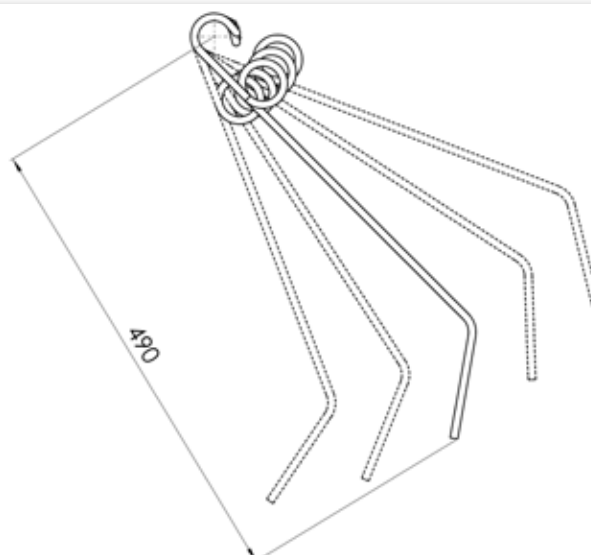


## **GUARANTEED EQUAL TINE AGGRESSIVITY OVER THE ENTIRE WORKING WIDTH**

The tine tube is torsion-resistant and guarantees the same tine position and the same tine aggressivity over the entire frame length. This is particularly important in hard soil conditions.

## **TINE AGGRESSIVITY QUICKLY ADJUSTABLE VIA CENTRAL ADJUSTMENT LEVER**

The aggressivity of the spring loaded tines on the grassland care machine can be adjusted as required via one central adjustment lever per tine section in 5 positions between "dragging" or "on grip".



# OUR HANDBOOKS

## THE HANDBOOK OF ORGANIC FARMING

- » **Proven practices:** Our decades of experience and that of our customers worldwide are graphically illustrated in this handbook.
- » **In-depth knowledge:** Through detailed descriptions of topics such as tillage, catch crops or crop rotations, as well as tips and suggestions on organic farming, we would like to encourage you to think outside the box.
- » **The latest technology:** The techniques and settings prescribed in the book will help you get the most out of your machines.
- » **10 cultivation instructions:** The manual contains 10 detailed cultivation instructions graphically explaining the best time for use.



## THE HANDBOOK OF FUSION-FARMING

- » **Combined weed control:** The manual is the perfect guide for combined weed control. It combines the advantages of conventional and organic cultivation methods.
- » **Mechanics & chemistry:** Tips and tricks from mechanical and chemical weed control are presented. These applications lay the foundation for sustainable and successful arable farming.
- » **Cultivation instructions:** You will find instructions on weeding, hoeing and spraying in 5 different crops for a versatile and effective application of the Fusion-Farming method.

## THE HANDBOOK OF GRASSLAND CARE

- » **Problems and solutions:** The Grassland Care Handbook deals with challenges such as increasing dryness, weed infestation or nutrient deficiency and offers practical solutions for grassland farmers.
- » **Maintenance & reseeded of grassland:** We show detailed instructions on maintenance and reseeded with effective methods that can increase the quality and yield of grassland in the long term.
- » **Practical examples with data, facts and figures:** Practical examples with well-founded data, facts and figures not only impart theoretical knowledge but also provide practical insights with successful grassland care strategies.





# EINBÖCK AT A GLANCE

## 100% DESIGNED & MANUFACTURED IN AUSTRIA

- » We are a fourth-generation, owner-managed family business
- » Our development and production site is located entirely in Dorf, in the Innviertel region in Austria
- » We stand for 100% in-house production expertise: from cutting and further processing to welding, painting, and assembling our red machines.
- » Energy-self-sufficient production, e.g., with photovoltaic systems, wood chip heating, etc., awarded the "German Sustainability Award."

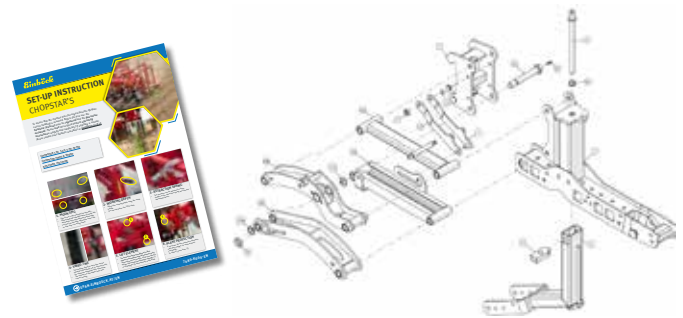


## FROM THE FIELD, FOR THE FIELD!

- » We continuously develop our technology further in collaboration with our global customers
- » For over 90 years and four generations, we have stood for trustworthiness, reliability, honesty, hands-on mentality and common sense
- » We are consultants and partners, working together with farmers around the world to find the best solutions
- » We have been at home in the mechanical weed control segment for over 45 years

## ORIGINAL SPARE PARTS

- » Decades of spare and wear part availability
- » Perfect fit and compatibility
- » Highest quality standards
- » Competent and prompt advice
- » Online spare and wear parts catalog, operating and set-up instruction, and much more at [www.einboeck.at/en/help](http://www.einboeck.at/en/help)



## CUSTOMER SERVICE

- » Practical service with maximum reliability
- » Rapid support even during peak season
- » An answer to every question
- » Expert advice and support for questions about machine settings





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## Related brochures regarding "organic farming & mechanical weed control":



### WEEDING TECHNOLOGY

- » Tined weeder  
AEROSTAR-CLASSIC
- » Precision tined weeder  
AEROSTAR-EXACT
- » Rotative weeder  
AEROSTAR-ROTATION

### GRASSLAND CARE

- » Grassland weeder  
GRASS-MANAGER (-PRO)
- » Grassland seeder  
PNEUMATICSTAR (-PRO)



### SEEDING & FERTILIZING

- » Pneumatic seeding box  
P-BOX-STI | P-BOX-MD
- » Pneumatic front tank  
JUMBO-SEED
- » Mechanical intercrop  
seeder  
DRILLBOX
- » Row-crop drill  
CHOPSTAR-SEEDER



### THE GRASSLAND CARE HANDBOOK

- » Grassland overseeding
- » Grassland restoration
- » Grassland renewal



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