

**Einböck**

**When weeding  
is joy!**

# PRECISION TINED WEEDER AEROSTAR-EVO

**NEW**



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**DETAILED. ACCURATE. STEADY.**

## PRECISION TINED WEEDER AEROSTAR-EVO

The AEROSTAR-EVO precision tined weeder is a modern weeder with indirectly spring-loaded tine sections. It was developed for weeding standard arable crops such as grain, corn, soybean, sunflowers, field beans, and potato, as well as vegetables and special crops. This economical all-rounder impresses with its versatile applications – from precise blind weeding and intensive crust breaking to late final weeding passes.

The 500 mm | 19.7" long tines work with a down pressure of up to 4.5 kg | 10 lbs. The 1.5 m | 4.6 ft tine sections are equipped with 48 tines and can be hydraulically folded up and, optionally, their aggressiveness can also be adjusted hydraulically. With a weight of only around 1,700 kg | 3,750 lbs, a 12-meter machine can be operated starting at around 100 hp.

Its bigger brother, the AEROSTAR-FUSION, is the premium version of the AEROSTAR-EVO and offers additional high-end equipment for the most demanding requirements and outstanding weeding results.



AEROSTAR-EVO	300	600	750	900	1200	1350	1500	1800
Working width (m   ft.)	3.00   9.80	6.00   19.70	7.50   24.60	9.00   29.50	12.00   39.40	13.50   44.30	15.00   49.20	18.00   59.10
Transport width (m   ft.)	3.00   9.80	3.00   9.80	3.00   9.80	3.00   9.80	3.00   9.80	3.00   9.80	3.00   9.80	6.00   19.70
Parking height (m   ft.)	1.40   4.60	3.10   10.20	3.80   12.50	3.70   12.10	3.70   12.10	4.30   14.10	4.50   14.80	4.50   14.80
Basic weight (approx. kg   lbs)	360 790	780 1720	1 050 2310	1 490 3280	1 710 3770	2 060 4540	2 430 5360	3 070 6770
from HP/KW	40/29	70/51	80/59	90/66	100/74	130/95	150/110	200/147
Hydr. control units (double acting)	1	1 + 1 SA	1 + 1 SA	3	3	3	3	3
Mounting category (Cat.)	II / Ø 28 mm 1.10"	II / Ø 28 mm 1.10"	II / Ø 28 mm 1.10"	II / Ø 28 mm 1.10"	II / Ø 28 mm 1.10"	II / Ø 28 mm 1.10"	II / Ø 28 mm 1.10"	III / Ø 36 mm 1.42"
Number of tines	96	192	240	288	384	432	480	576
Sections	2	4	5	6	8	9	10	12
Folding	-	U	U	M	M	M	M	M
Support wheels front (optional rear)	2(+2)	4(+2)	4(+2)	4(+2)	4(+2)	4(+2)	4(+2)	6(+4)

## STANDARD EQUIPMENT

- ✓ Tines ø 7 mm, 500 mm long | individually replaceable | 10 cm wear length
- ✓ Independent spring-loaded tines, gentle weeding with the weight of the tines themselves & max. down pressure up to 4.5 kg / 10 lbs
- ✓ 3.125 cm / 1.23" line spacing
- ✓ Stable, durable plastic tine holder
- ✓ 48 tines per 1.5 m of tine section
- ✓ Fixed 6-row tine sections with non-twisting tine tubes
- ✓ Hydraulic tine adjustment with manual preselection per section
- ✓ Hydraulically foldable tines (working & transport position)
- ✓ Hydraulic transport lock from model 900 onwards
- ✓ Lower link quick coupler pendular axle up to model 750
- ✓ Standard folding up to model 750 - scissor folding from model 900 onwards
- ✓ 490 mm frame clearance
- ✓ Sturdy & durable special profile frame
- ✓ Automatic swiveling of the outer sections through parallel guidance (for scissor folding machines)
- ✓ Large ball bearing support wheels with tractor tire profile
- ✓ Tractor tracks in cm & inches:  
Model 300: 136-225 cm / 53.5-88.5"  
Model 600+750: 136-214 cm / 53.5-84.25"  
Model 900-1500: 136-225 cm / 53.5-88.5"  
Model 1800: 150-235 + 366-480 cm / 59-92.5" + 144-189"

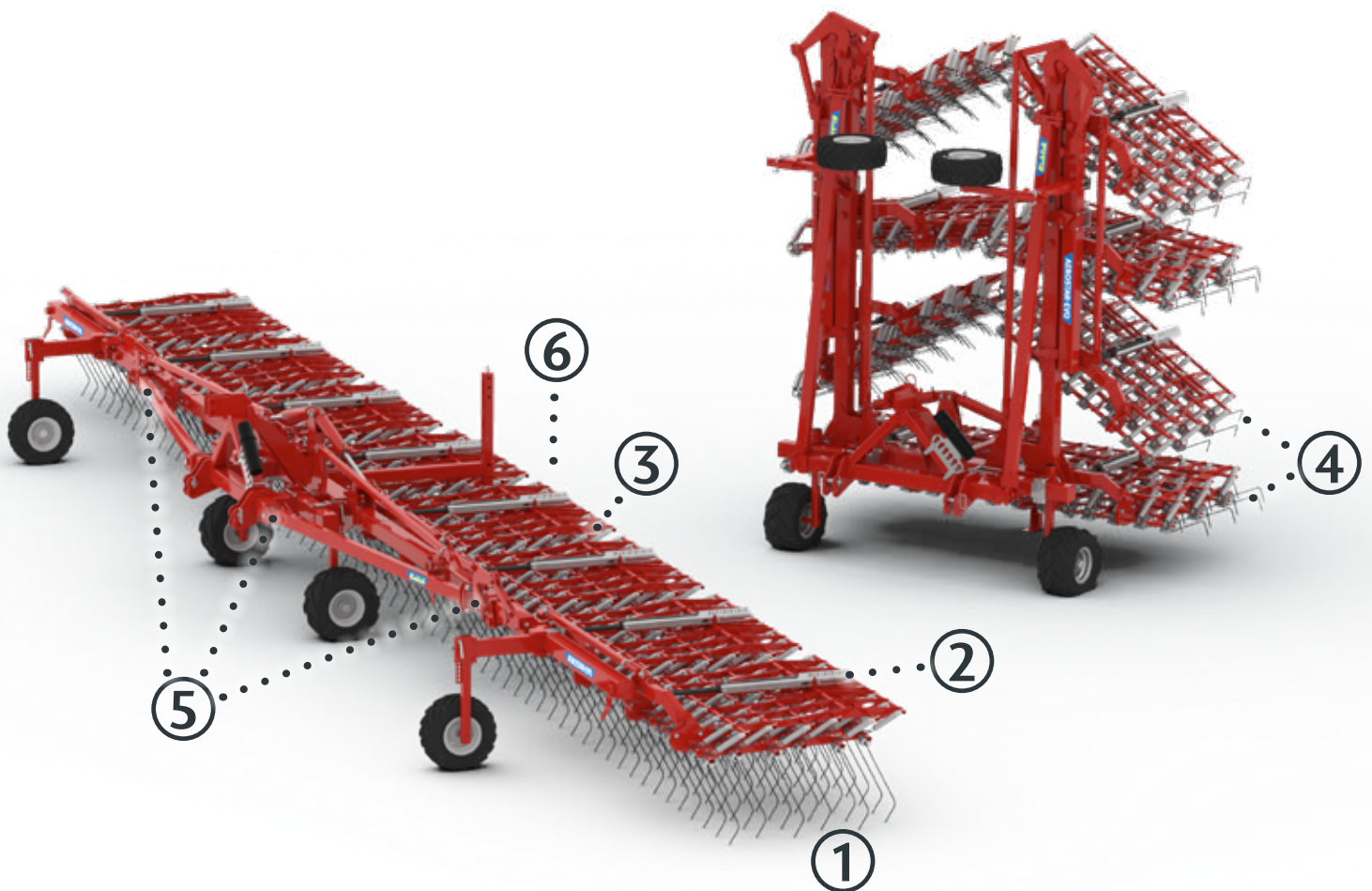
## OPTIONS

- » Tines with carbide metal equipped tips
- » Infinitely, hydraulic tine and aggressiveness adjustment
- » Rear wheels on the machine pivotable in track with tractor tire profile and following weeder tines, including a slotted hole on the upper link
- » Twin tires in the tractor track
- » Electrically controlled valve
- » Warning signs with holder and LED lights



## CONCEPT AEROSTAR-EVO

1. Indirectly spring-loaded  $\varnothing$  7/500 mm | 0.28/19.69" tines with high clearance and 3.125 cm | 1.20" tine spacing
2. Hydraulically foldable tines (working & transport position)  
(Optional: Infinitely, hydraulic tine and aggressiveness adjustment)
3. Fixed 6-row tine sections with 1.5 m | 4.90 ft.
4. Standard fold-up tines
5. Smooth operation of the weeder thanks to compact design
6. Pendular axle and rear wheels to compensate for uneven soils (Optional)



# DETAILS AEROSTAR-EVO

## FRAME

Sturdy and durable frame with agricultural tread wheels and optional pendular axle and rear wheels.



## TINE SECTIONS

6-row tine section with hydraulic adjustment from working to transport position (optional aggressiveness adjustment).

## WEEDER TINES

1.5 m / 4.6 ft tine section with 48 tines fixed to the main frame.



## TENSION SPRING

7/500 | 0.28/19.69" mm independent spring-loaded tines with single spring for up to 4.5 kg / 10 lbs down pressure



# 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 & reseeding of grassland:** We show detailed instructions on maintenance and reseeding 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."

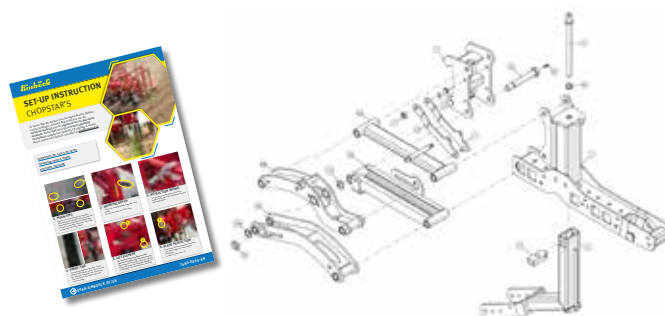


## FROM THE FIELD, FOR THE FIELD!

- » 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





**WWW.EINBOECK.EU**

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



### **HOEING TECHNOLOGY**

- » Row-crop cultivator  
CHOPSTAR
- » Camera steering system  
ROW-GUARD
- » Rotary hoe  
ROTARystar



### **ORGANIC FARMING**

- » Guide for mechanical weed control
- » Tips and interesting facts about weeding and hoeing technology
- » With FUSION FARMING to success

### **WEEDING TECHNOLOGY**

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



### **GRASSLAND CARE**

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



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