



TINED WEEDER AEROSTAR-CLASSIC





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Proven thousands of times around the world - the classic weeder AEROSTAR-CLASSIC has become an integral part of mechanical crop protection. For over 3 decades the weeder has continuously been developed and so it has become an excellent alternative for chemical weed control. The moving field sections of the AEROSTAR-CLASSIC adapt perfectly to the various soil conditions, regardless of the working width. This guarantees an optimum working result. For sensitive, special crops or blind weeding the AEROSTAR-CLASSIC can be equipped with extra long tines and a hydraulic tine adjustment. It then represents a preliminary stage to the AEROSTAR-EXACT, which has been further optimised in this respect.

Type/ Working width cm / ft	Sections m / ft	Wheels	Tines	from hp/kW	Weight approx. kg / lbs
RIGID, not fondable					
AEROSTAR-CLASSIC 150 / 4.9	1x1.5 / 1x4.9	2	60	15/11	190 / 420
AEROSTAR-CLASSIC 210 / 6.9	1x2.1 / 1x6.9	2	84	20/15	200 / 441
AEROSTAR-CLASSIC 300 / 9.8	2x1.5 / 2x4.9	2	120	30/22	280 / 617
Hydraulic folding					
AEROSTAR-CLASSIC 450 / 14.8	3x1.5 / 3x4.9	2	180	40/29	500 / 1002
AEROSTAR-CLASSIC 510 / 16.7	1x2.1 / 6.9 2x1.5 / 4.9	2	204	50/37	520 / 1146
AEROSTAR-CLASSIC 600 / 19.7	4x1.5 / 4x4.9	2	240	60/44	620 / 1367
AEROSTAR-CLASSIC 600 / 19.7 ³⁾	4x1.5 / 4x4.9	4	240	60/44	740 / 1631
AEROSTAR-CLASSIC 750 / 24.6	5x1.5 / 5x4.9	4	300	65/48	850 / 1874
AEROSTAR-CLASSIC 810 / 26.6	4x1.5 / 4x4.9 1x2.1 / 1x6.9	4	324	70/51	870 / 1918
AEROSTAR-CLASSIC 900 N / 29.5 ⁴⁾	6x1.5 / 6x4.9	4	360	70/51	980 / 2161
AEROSTAR-CLASSIC 900 / 29.5 ¹⁾	6x1.5 / 6x4.9	4	360	80/59	1170 / 2579
AEROSTAR-CLASSIC 1200 / 39.4 ¹⁾	8x1.5 / 8x4.9	4	480	90/66	1310 / 2888
AEROSTAR-CLASSIC 1350 / 44.3 ^{1,2)}	9x1.5 / 9x4.9	4	540	110/81	1350 / 2976
AEROSTAR-CLASSIC 1500 / 49.2 ^{1,2)}	10x1.5 / 10x4.9	4	600	130/95	1600 / 3527
AEROSTAR-CLASSIC 1800 / 59.1 ^{1,2,5)}	12x1.5 / 12x4.9	6	720	180/133	2490 / 5490

1) With shear-retraction

2) Transport height approx. 4,6 m (15.1 ft) - hydr. transport lock

3) Can be extended to 9 m (29.5 ft)

4) Can be reduced to 6 m (19.7 ft)

5) Transport width 6 m (19.7 ft)



STANDARD EQUIPMENT

- ✓ Lower links with quick coupling pendular axle
- ✓ Tines Ø 7 mm / 0.28", length 490 mm / 19.3", individually changeable
- ✓ Tube frame section providing equal working pressure over the full width – 6 rows with central tine adjustment, per section
- ✓ Line spacing 2.5 cm / 1"
- ✓ Large, bearing mounted rubber support wheels
- ✓ The side sections fold in automatically through parallel guidance
- ✓ Parking support for machines with hydraulic folding
- ✓ For machines with shear-retraction two double-acting hydr. remotes are required



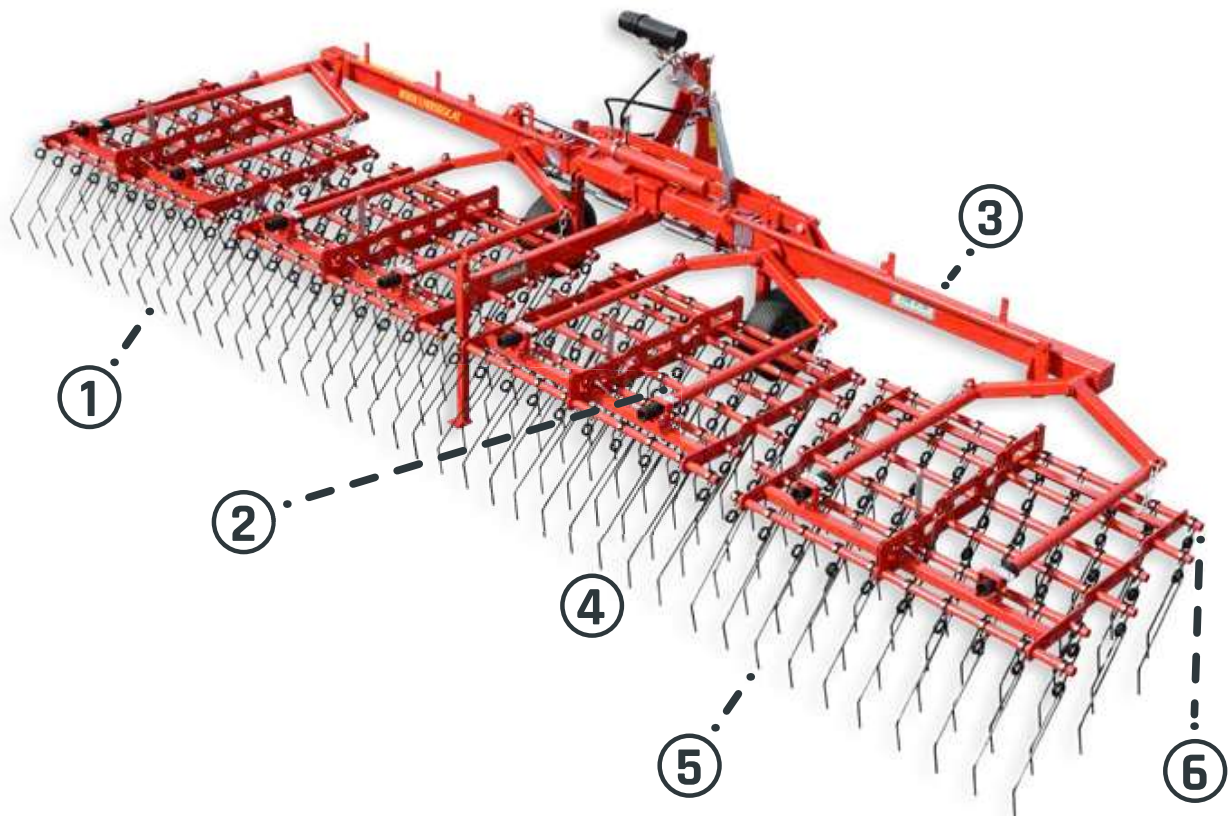
OPTIONS

- Tine holder for row crops
- Protection against loss in case of tine breakage, per section
- Hydraulic tine adjustment
- Hydraulic transport lock
- Spring-mounted front levelling plate with fixing of the section to the weeder fork
- Section extensions 30 cm / 11.8"
- For machines with shear-retraction working in light and sandy soils we recommend:
Inside twin wheels 18x8.50-8
Outside single wheels 18x8.50-8
- Warning signs with holder and LED-lights
- Electrical control valve
- Pneumatic seeding box P-BOX
- Tine 490 mm / 19.3" long, Ø 8 mm / 0.31"
- Tine 490 mm / 19.3" long straight, Ø 8 mm / 0.31"
- Tine 380 mm / 15" long, Ø 6,5 mm / 0.26"
- Tine 490 mm / 19.3" long, Ø 6,5 mm / 0.26"
- Tine 600 mm / 23.6" long, Ø 7 mm / 0.28"



CONCEPT AEROSTAR-CLASSIC

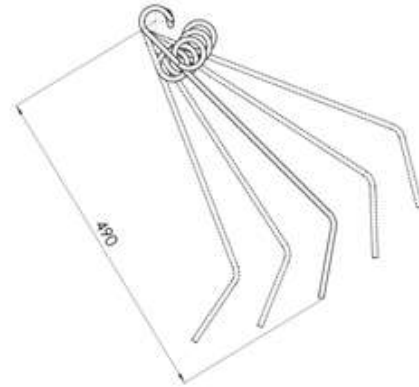
1. **Increased tine vibration** due to special plastic holders
2. **One central lever** per section to adjust the tine position
3. Solid steel **tube frame**
4. Effective operation because of **narrow line spacing** of 2.5 cm / 1"
5. **Wide range of tines as options** = the right tine for every job
6. **Large frame clearance**



DETAILS AEROSTAR-CLASSIC

SPRING TINES ADJUSTABLE WITH A CENTRAL LEVER

The aggressiveness of the spring tines can be adjusted with a central lever per section in five different positions. The positions can vary from dragging to "tip forward of the bend". A hydraulic adjustment of the tine position is also available.



SUPPORT WHEELS FOR INDIVIDUAL TRACK SPACING AND UNEVENNESS

The ball-bearing mounted support wheels are adjustable in height in a halfbreadboard. As an option the wheel base of the support wheels is infinitely variable up to 2.15 m / 7.05 ft. The support wheels take over the depth control and prevent the spring tines from penetrating too deeply in light soil conditions. The AEROSTAR-CLASSIC therefore adapts perfectly to uneven ground.



The classic tined weeder AEROSTAR-CLASSIC works ideally in grain, among other crops!

ADVANTAGES AEROSTAR-CLASSIC

STABLE OPERATION

Due to the solid and strong frame construction the operation of machine and frame is very steady, even at higher working speeds. Also on hard soil the tined weeder can apply sufficient pressure on the tines without making the frame swing. In addition, the frame is designed to withstand heavy loads and many seasons of operation without any problems.



LARGE FRAME CLEARANCE

A large frame clearance is guaranteed by the position of the sections and the frame. This ensures operation without damaging the crop even when the plants are higher (up to 55 cm / 21.90" - depending on tine position and length).

PLASTIC SUPPORT ON U-FRAME - NO WEAR AND TEAR ON STEEL TUBES

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.



COMPACT RETRACTION

Machines with a working width of 12 m / 39.4 ft and 15 m / 49.2 ft can be folded to a transport width of only 3 m / 9.8 ft (except 18 m / 59.10 ft machines). Machines with a working width of 4.5 m / 14.80 ft to 9 m / 29.50 ft the side wings of the mainframe are folded upwards for transport. 9 m (29.5 ft) machines can be equipped with a double-fold system and a heavy-duty construction, from 12 m (39.4 ft) this is standard. On all versions a hitching very closely to the tractor is ensured.



STRONGER CONSTRUCTION FROM 9 M / 29.5 FT WORKING WIDTH

A larger working width means greater forces acting on a machine. The triangular bracing on machines with double folding prevent the side wings from swinging and rocking even at higher working speeds. The tine aggressivity can be adjusted depending on the conditions.

OPTION: HYDRAULIC TINE ADJUSTMENT

The AEROSTAR-CLASSIC tined weeder can be equipped with hydraulic tine adjustment. The hydraulic tine adjustment ensures equal aggressivity over the full working width in changing soil conditions and uneven fields. It's like a first step towards AEROSTAR-EXACT, which is designed for special crops (and e.g. blind weeding).

The hydraulic tine adjustment ensures fast and convenient folding to the transport position (especially for model 450, 510, 750, 810 and 1350).

