



Heavy Vertikator

Newly designed VERTIKATOR, „heavy duty“ for aggressive harrowing of extremely matted grassland

- ⇒ The leveling plates are performed in the heavy VERTIKATOR stronger and also separately to the guide rail mounted, which each separately is sprung.
- ⇒ The depth adjustment via spindle adjustment.

- ⇒ Specially formed Hatzenbichler tines, with $\varnothing = 10\text{mm}$ with the vibration effect matted surface torn and cleaned without damaging the turf.
- ⇒ Because of the 5 tine bar and the optimal split tine distance is a full surface-clogging work guaranteed.
- ⇒ The aggressiveness of the tines can be expanded using 10-hole adjustment set.

- ⇒ The Cambridge roller pressed against the seeds on the ground to make it the best Soil contact and receive the seed thus optimal growth conditions be created.
- ⇒ The roller has a diameter of 470mm and a weight of 900 kg.
- ⇒ The tine pressure is adjusted hydraulically over the roller.

- ⇒ The planting unit is the pneumatic Seeder „Air 8“.



Hydraulic depth adjustment



Single mounted, spring-loaded leveling plates



Heavy Vertikator 3m working width in use

Technical dates:

Working width	Weight	kW	HP	Seeder	Type of roller
3,00 m	1550 kg	38	50	Air 8	Cambridge



Vertikator

for Pasture renewal



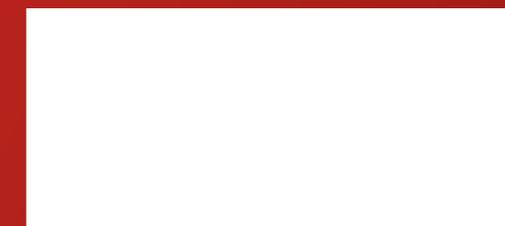
Hatzenbichler Vertikator „Alpin“ with pneum. seeder machine „Air 8“



Hatzenbichler Heavy Vertikator with cambridge roller



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Care
 New sow
 Overseeding
 Underseeding
 pneumatic seeding machine



GOAL WITHOUT BREAKING A PASTURE RENEWAL IS TO to achieve a higher and longer earning capacity of the existing grassland. That is: to increase desirable plant species - destroy unwanted (Weeds).

- ➔ higher and longer profitability
- ➔ Clean mossy turf and felted sward
- ➔ Incorporation of soil, cow dung and manure
- ➔ Overseeding of vacancies, molehills and trampling by livestock
- ➔ Pest (grubs)
- ➔ everything in one pass with Hatzenbichler Grassland Technology

1st WEED CONTROL AND VENTILATION

By the specially shaped tines with Hatzenbichler Vibration effects (precession), which can be adjusted in 10 different positions, a very high efficiency for the control of mossy and weedy areas can be achieved. Through this cleaning the turf is again better supplied with air and water.



2nd LEVEL OFF

The special suspension with stabilizer blade edge toothing allows a good distribution of molehills while setting reset of the earth into the ground. Also to distribute and rubbing dung, cow dung and manure is the best suited and levelling plates to level trampling by cattle.



3th OVERSEEDING

The semen is discharged in Hatzenbichler seeding unit just above the ground over baffles between the third and fourth row of tines. It is important that the seed penetrates the previously torn with the tines of the ground, while the same is given the desired ground circuit. By the previously well-ventilated and cleaned of grass matting creates an excellent seedbed for fresh seeds, which can develop through good supply of air and water well. Pneumatic seeding units: „AIR 8“ and „AIR 16“



4th ROLL IN

The special pressure rollers behind the harrow and the pneumatic Seeding machine complete the perfect pagination loose pasture renewal. The more divided pressure roller presses the seed and results in good soil contact. The pressure roller is characterized by excellent ground, even on the most difficult terrain. Even in wet conditions - no sticking of the rolls.



Vertikator 6m working width with pneum. Seeder „Air 16“

REDESIGNED ROLLER SUSPENSION

- ➔ A special modification to the holders of the rollers allow increased to about 200 kg tine pressure.
- ➔ The rolls are „suspended“ so as to maintain this higher tine pressure.
- ➔ The tines reach much deeper into the ground for more effective cleaning of the turf mats.
- ➔ The roll suspension is being retrofitted.



New constructed roller suspension

- ➔ **short construction**
- ➔ **easy lifting**
- ➔ **low horsepower requirements**

The low weight of 2.50 and 3.00 m VERTIKATOR the application of a seed in the late fall is possible. This has the advantage of being in the spring, where grassland is not passable, germinates quickly and grows simultaneously with the existing turf. Even with extreme slopes of Hatzenbichler VERTIKATOR is optimally used.



Vertikator with new roller construction

Technical dates:

Working width	Weighth	kW	HP	Seeder	Type of roller
2,50 m	500 kg	11	15	Air 8	Farmflex
3,00 m	550 kg	22	30	Air 8	Farmflex
6,00 m	1500 kg	90	120	Air 8 or Air 16	Farmflex



Vertikator with new roller suspension



Vertikator „Hegler Sepp“, strong version, 6m working width



Vertikator schwere Ausführung mit Planierschild und 10mm Zinken

Vertikator „Alpin“

Short, compact design for aggressive harrowing of grassland

- ➔ The leveling plates are individually mounted on the guide rail
- ➔ The robust construction of the sprung leveling plates pave optimally molehills, dung, manure and cow dung.
- ➔ Adjustment of the leveling plates using spindle adjustment



- ➔ To be aggressive harrowing of grassland **3 rows of tines** harrow used.
- ➔ The specially Hatzenbichler grassland tines with a **diameter of 12 mm** and vibration effects, provide optimum cleaning up the turf weeds, and aerating grassland.
- ➔ For optimal soil contact of the applied seed, is as in „Heavy VERTIKATOR“ which offered Cambridge roller.
- ➔ To be added to bring the precious seed where it to be taken to should the pneumatic seeder „Air 8“ is offered.
- ➔ By precisely adjusting the application rate and the optimal Distribution of baffles, the seed is placed there where it is required.



Working width	3,00 m
Weight	1.350 kg
Tine diametre	12 mm
HP	100
Seeding machine	Air 8
Type of roller	Cambridge
Transport width	3,00 m
Transport depth	1,60 m

