



#### APPLICATIONS:

- Immediately before sowing, to combat weeds and germination for crust breaking.
- In cereal crops to tillering, weed control and Aeration of the soil. By the working width of the device to 12 m, especially in cereals and Oilseed rape production must with tramines sowing to work.
- In corn and beet cultivation is the device also the emergence of the seed to combat already germinated used weed (Blind harrowing). Also Water balance is in this operation Receive interrupt capillarity up to the surface.
- Effectively used this device great savings on herbicides, tith is obtained.
- Eco-friendly!

#### BLIND HARROWING:

The Harrow is well suited for a full-surface machining. The weeder adapts through flexible, twistable in the tine boxes on the floor perfectly. Devices with rigid, not flexible tools work by poorer Ground not so good. This difference is mainly the blind harrowing to bear. Blind harrowing counts as pre-emergence, and is prior to injection of first crops made. In warm weather thus sowing time that since the accumulated weeds are destroyed.

#### For harrowing in grassland:

The Harrow in conjunction with the streak plates to level mole hills and cow dung, grinding of solid and liquid manure, and to aerate the turf in conjunction with the seed box for overseeding. Care and reseeding in one Operation.

- At 12 m and 15 m Harrow is due to the automatic Fold the outer wheels of a short design given device. The main weight (frame) is just behind the tractor. This results in easy lifting and lower horsepower requirements.



Harrow with 6m working width in connection with the seeding machine „Air 8“ for overseeding the grassland



12m Harrow in transport position



The leveling plate



12m Harrow with seeding machine Air Cart Trailer 3000 liter volume



The illustrations are merely representational. We reserve the right to modifications in form, colour and technical details.

with experience



Harrow with 6m working width



The Hatzenbichler „Original-Harrow“

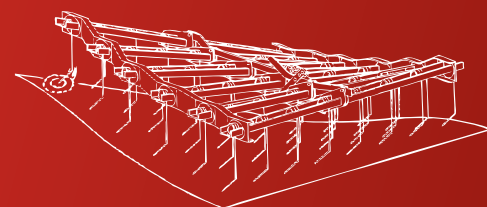
Working-width:

3 m - 15 m



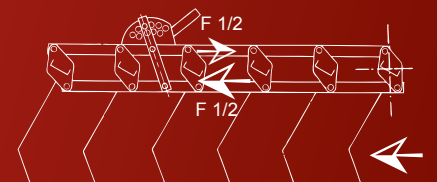
#### TINE QUALITY

- Optimum vibration effect through triple coiling
- oil-tempered hardened spring wire
- No breakage
- Long working life



#### THE MOVABLE HARROW FIELD:

(2-disk storage) guarantees perfect adaptation. By the gyroscopic effect of the tines triple coiling is a full-surface machining. The protected spring turn prevents pinching off the tips of plants.



#### STATIC STRUCTURE OF THE HATZENBICHLER HARROW FIELD:

The drawing point the tine are divided above and below the tine profile in F1 and F2. Therefore very good smooth running at high speeds.



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Presented by:



# Our advantage...

## ...BE IN THE DETAIL

- ➔ Harrow with special shape steel frame
- ➔ Each harrow field is individually suspended on chains, characterized best ground tracking.
- ➔ The aggressiveness of the tines can be adjusted using 10-hole adjustment.
- ➔ By the lateral vibration of the tines, in conjunction with the driving speed of a comprehensive treatment is achieved.
- ➔ The unit is led by two rubber support wheels behind the tractor track.
- ➔ The transport setting is hydraulically (Europaklappung).
- ➔ Through processing of high-grade steel results in a low device weight.
- ➔ The tines are oil-tempered hardened spring wire - long working life, no breakage



12m Harrow in transport position (shear folding).



Adjustable wheel hubs with screwed and tapered roller bearings.



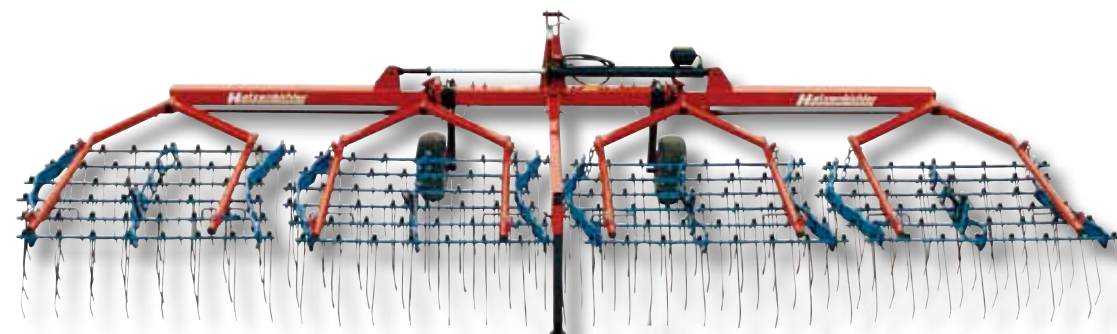
10 hole adjustment of tine aggressiveness



Wear parts wear-resistant plastic



9m Harrow use in soy field

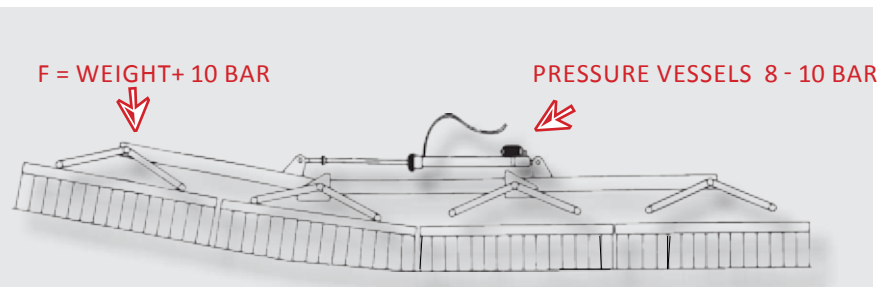


The protected spring turn prevents pinching off the Crop tops.

# Best Ground...

## ...OPTIMALLY SOLVED

- ➔ a mobile harrow field (no stabilizer - panel stiffening)
- ➔ Harrow field on active suspension equipment frame
- ➔ Floor adaptable base frame with additional pressure from the accumulator (no fixed end position)



## PARTICULAR ADVANTAGES OF THE CONSTRUCTION HATZENBICHLER

The fields are in twistable guarantee precise contour following and also run peacefully, especially with larger working widths of weeder, this is guaranteed.

Working speeds of 6 to 12 km / h By simply moving a lever, the spring-loaded tines for gentle or aggressive processing load. Equal treatment also

Uneven ground by adjusting the movable Frame and sprung tines - tines with high clearance.

By the procession of the individual tines and the small line spacing precise and careful handling in the culture series is given.

### Tine quality:

- ➔ oil-tempered hardened spring wire
- ➔ Factory production
- ➔ No breakage
- ➔ 3x longer life than a normal C-wire



6m Harrow - use in corn field



Harrow works in corn field



Harrow, 6 m working width, with pneum. seeder, Grassland sheets of reinforced design



Harrow, 12m working width with pneum. seeding machine „Air 16“



Pneumatic seeder Air 8 with continuously variable transmission 8-piece drill shaft and 2 pieces Electro-fan engines.



Hydraulic tine adjustment - optional



Harrow, 9m working width with pneum. Seeder



Harrow, 5 m working width, introduction of cover crop with baffles on harrow field mounted



Harrow, 9m with shear folding



Harrow, 9m working width, transport position (shear folding)



Harrow, 5m working width, use in potatoe field

Working width	Weight	Field number	HP	Transport high	Transport width
3,00 m	250 kg	2 X 1,50	from 15 HP	-	-
4,50 m	350 kg	3 X 1,50	from 15 HP	1,45 m	2,80 m
5,00 m	400 kg	1 X 2,00 + 2 X 1,50	from 25 HP	1,70 m	2,80 m
6,00 m	460 kg	4 X 1,50	from 40 HP	2,20 m	2,80 m
6,25 m	540 kg	2 X 1,70 + 2 X 1,50	from 40 HP	2,20 m	2,80 m
7,50 m	700 kg	5 X 1,50	from 50 HP	3,15 m	2,80 m
8,00 m	730 kg	1 X 2,00 + 4 X 1,50	from 50 HP	3,25 m	2,80 m
9,00 m	780 kg	6 X 1,50	from 60 HP	3,70 m	2,80 m
9,00 m*	850 kg	6 X 1,50	from 60 HP	2,75 m	2,85 m
10,50 m*	1050 kg	7 X 1,50	from 65 HP	3,50 m	2,85 m
12,00 m*	1200 kg	8 X 1,50	from 70 HP	3,40 m	2,85 m
12,50 m*	1215 kg	2 X 1,70 + 6 X 1,50	from 70 HP	3,50 m	2,85 m
15,00 m*	1850 kg	10 X 1,50	from 80 HP	4,00 m	2,85 m

Tine length: 380 mm, 450 mm / Tine diameter: 6 mm, 7 mm, 8 mm / Tine spacing: 25 mm

\* Scherenklappung