Hatzenbichler
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Presented by:

100% constant tine pressure

- The engineers at Hatzenbichler developed a system with which it is possible to continuously adjust the **tine pressure** at a constant tine angle
- The spring action of the tines is provided by a pneumatic cylinder with a spring travel of only **30 mm**, which enables a **45° spring path of the tines**
- The central air supply is provided by the compressed **air brake system of the tractor.**
- A **proportional pressure regulator** enables the cylinder to be pre-tensioned in the **1/10 bar** range up to a maximum of **6.0 bar**
- The tine pressure can be infinitely adjusted from **tine weight up to 5.000,00 g**
- The tine angle and thus also the **tine aggressiveness** can be adjusted within the range of 55° – 128°.
- A passage **height of 590 mm** allows the harrowing of higher crops
- Since the new harrow arrays including pneumatic equipment can be **mounted in the Hatzenbichler harrow frames**, which have been tried and tested for decades

Technical specifications:

3-point hitch

Rigid design:

Working width	Fields	Tine thickness	Wheels	Weight approx. in kg	HP
1,50 m	1 x 1,50 m	7 mm	2	240 - 260	13
3,00 m	2 x 1,50 m	7 mm	2	390 - 410	25

Hydraulically foldable:

Working width	Fields	Tine thickness	Wheels	Weight approx. in kg	HP
4,50 m	3 x 1,50 m	7 mm	2	580 - 620	25
6,00 m	4 x 1,50 m	7 mm	2	490 - 530	50
7,50 m	5 x 1,50 m	7 mm	4	1.000 - 1.060	60
9,00 m^	6 x 1,50 m	7 mm	4	1.180 - 1.260	80
9,00 m*	6 x 1,50 m	7 mm	4	1.460 - 1.550	80
10,50 m*	7 x 1,50 m	7 mm	4	1.630 - 1.730	100
12,00 m*	8 x 1,50 m	7 mm	4	1.780 - 1.900	100
13,50 m*	9 x 1,50 m	7 mm	4	1.980 - 2.100	100
15,00 m*^	10 x 1,50 m	7 mm	4	2.490 - 2.650	150

* Machine crop folded, ° Transport width more than 3,00m, ^ Transport high more than 3,00m

MONITOR OVERVIEW:

In order to conveniently adjust the **tine pressure** for each harrow field from the tractor cab, various monitor controls are optionally available as well as direct control via the **ISOBUS terminal** in the tractor. The on-board computer of the Hatzenbichler camera steering assistant can also be used.
The tine pressure can be set separately in % for each harrow field, the current settings are saved, but various tine pressure settings can also be assigned to different areas, for example.
Several area counters can be created and saved, for example for contract work.
Driving speed display.
With the additional package **“Hydraulics”**, the harrow can be folded in and out via the monitor in the tractor and also the hydraulic tine adjustment (angle of the tines) can be setuped.

Big 8,4“ Touch Display
The monitor can be used as a second monitor in addition to the ISOBUS control

5,6“ Touch Display with Softkeys
The monitor can be used as a second monitor in addition to the ISOBUS control

5“ Touch Display with Softkey
No ISOBUS control