

# TINED WEEDER PRO

VS 150 M1 / VS 300 M1 / VS 600 M1 / VS 750 M1 / VS 900 M1 / VS 1200 M1

INNOVATIVE SPRING PACKAGE GUARANTEES OPTIMAL GROUND ADAPTATION



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AMBITION. PASSION. VISION.





# YOUR BENEFITS OF THE TINED WEEDER PRO

## HOW IT WORKS

The tines penetrate the soil while harrowing to a maximum depth of 2-3 cm to break up and crumble the upper soil crust. This ensures better soil aeration and the capillary action is interrupted. The primary focus of the harrow is on controlling unwanted weeds. While the tines sweep over the soil, the weeds, which are still in threads or at the germinating stage, are being buried or pulled out and deposited on the surface. They wither and die off. This means that approximately 90% of the weed germs are getting decimated.



## TINE SPRING SYSTEM

Each tine in the tine spring system is individually suspended and has its own compression spring package. This makes it possible to harrow with demanding crops or during more sensitive growth stages. This expands the time frame for harrowing, as the tine pressure can be reduced to the tine net weight. Therefore, no harrowing breaks are necessary during sensitive growth stages. Furthermore, the tines can be lifted fully. With the spring being mounted above the harrow sections, a higher passage is possible while crops are protected at the same time.



## DISTINCTIVE FEATURES OF THE TINES

The tines of the Tined Weeder Pro are wide and pivoted, thus preventing the tines from deflecting laterally. As a result, the entire surface is treated. Another benefit is the possibility to choose between conventional spring steel tines and carbide tipped tines. Its 8 mm tines with 35 mm tine spacing apply an even tine pressure on the ground even at different tine levels. This enables harrowing of crops planted on ridges, such as potatoes. The tine pressure is the same on the ridge crowns, ridge flanks and in the furrow.



# OUR FOCUS ON EFFICIENCY

## EXACT

- The unique tine spring system enables the VS to perfectly adapt to the ground to ensure a maximum of protection for the crop.
- The sophisticated tine spring system guarantees identical tine pressure over the full spring travel.
- Each tine has its own spring package.
- Tine pressure can be reduced to zero continuously.
- No lateral deflection of the tines in case of unevenness, furrows or crops planted on ridges.

## VERSATILE

- The VS prolongs the harrowing period, as the precise settings allow harrowing almost at all crop stages.
- Crops are protected, since the spring system is mounted above the frame, ensuring a high passage.
- Feeler wheels can also be adjusted to the track or the row spacing.
- Can be used with APV Pneumatic Seeders PS 120 M1 – PS 500 M2 with electric or hydraulic fan.

## COMFORTABLE

- Standard hydraulic tine pressure adjustment with clearly visible scale.
- Hydraulic folding with series connection of the cylinders. When the machine is folded up, the external side frames fold onto the inner side frames and these then fold up 90°, and vice versa when unfolding.
- Adjustment handle for feeler wheels integrated in wheel mount.
- Safe road transport and machine-friendly parking since the tines can be lifted.





## SPECIFICATIONS

VS 150 | VS 300

VS 600 | VS 750

VS 900 | VS 1200

Working width	1.7 m   3.2 m	6.2 m   7.6 m	9.2 m   12.2 m
Transport dimensions in m (folded) HxWxD	1.25 x 1.82 x 2.30 1.25 x 3.29 x 2.30	2.85 x 3.00 x 2.40 3.55 x 3.00 x 2.40	3.55 x 3.00 x 2.40 3.55 x 3.00 x 2.40
Net weight	250 kg   370 kg	900 kg   1,050 kg	1,300 kg   1,550 kg
Tine length	520 mm		
Tine diameter	8 mm		
Tine spacing	35 mm		
Number of tines	50 pcs.   92 pcs.	178 pcs.   218 pcs.	266 pcs.   350 pcs.
Mounting category	CAT 2 and CAT 2N		
Feeler wheels (18.5x8-8" tyres)	2 pcs.   2 pcs.	4 pcs.   4 pcs.	4 pcs.   6 pcs.
Tractor performance	11 kW / 15 HP 22 kW / 30 HP	44 kW / 60 HP 51 kW / 70 HP	63 kW / 85 HP 74 kW / 100 HP

A double-acting control unit required for the central tine pre-stressing

A double-acting control unit is required for folding

## ITEMS INCLUDED

- Complete machine with cranked tines arranged on 6 rows
- One spring set for each tine
- Sophisticated tine spring system
- Hydraulic tine adjustment



## APPLICATIONS

- VS is also available in small working widths, which are ideal for vegetable cultivation, especially bed cultivation
- Suitable for crops planted on ridges as well as cereal crops such as wheat, oats, etc.
- Soy, maize, sunflower, etc.
- Special plantations such as milk thistle, poppy, peanut, etc.

## LEARN MORE!



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