

APV TINED WEEDER

AS 300 M1 / AS 600 M1 / AS 900 M1 / AS 1200 M1

THE ALL-ROUNDER FOR THE MODERN ORGANIC FARM



Version: 1.1 EN US / Item No.: 00230-3-138

AMBITION. PASSION. VISION.



YOUR BENEFITS OF THE TINED WEEDER

HOW IT WORKS

The tines penetrate the soil while harrowing to a maximum depth of 0.80 - 1.20 in (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 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.



DISTINCTIVE FEATURES OF THE TINES

The 0.25 in (7 mm) tines take care of the crucial work. They are arranged in 6 rows with a tine spacing of 1.23 in (31.25 mm), which is a result of extensive long term testing to achieve a uniform working pattern across the entire working width from one harrow section to the next. Take advantage of a longer service life of the Tined Weeder due to 0.80 in (20 mm) longer wear tips of our tines compared to our competitors. Furthermore, the higher bend angle ensures an ideal harrow result.



COMBINATION OPTIONS

The Tined Weeder can be combined with the Pneumatic Seeders from MDP to PS 500 M2 and with the Single Disc Spreader ES 100 M1 Classic.



OUR FOCUS ON EFFICIENCY

EXACT

- Uniform work pattern.
- Independent ground adaptation of each individual harrow section to the contours of the soil.
- Greater bend angles of the tines for excellent harrow results.
- Constant ground adaptation of the harrow sections through chain suspension.
- Individual suspensions and lateral compensation of each individual fork ensures uniform application of pressure by the forks on the harrow sections on undulating ground.

VERSATILE

- Possibility to mount 0.20 in (6 mm), 0.25 in (7 mm) and 0.30 in (8 mm) tines.
- Feeler wheels can also be adjusted to the track width.
- AS 600 is extendable to 30 ft (9 m), AS 900 to 40 ft (12 m).
- 8" feeler wheels ensure quieter running.

COMFORTABLE

- Longer service life due to 0.80 in (20 mm) longer wear tip of the tines.
- Smooth folding due to curve control and longer hydraulic cylinders.
- Lower link catch tongue for easier coupling of the harrow.
- Easy central tine adjustment per section due to screwless connections.
- Lateral sections are automatically pivoted in due to parallel guidance.





SPECIFICATIONS

	AS 300	AS 600 AS 900 rigid	AS 900 Scissor folding	AS 1200 Scissor folding
Working width	10 ft (3 m)	20 ft 30 ft (6 m 9 m)	30 ft (9 m)	40 ft (12 m)
Transport dimensions (folded) (HxWxD)	5 x 10 x 7 ft (1.50 x 3.00 x 2.20 m)	10 x 10 x 7 ft (3.10 x 3.00 x 2.20 m) 12 x 10 x 7 ft (3.80 x 3.00 x 2.20 m)	12 x 10 x 8 ft (3.55 x 3.00 x 2.40 m)	12 x 10 x 8 ft (3.55 x 3.00 x 2.40 m)
Net weight	840 lbs (380 kg)	1,480 lbs (670 kg) 2,090 lbs (950 kg)	2,540 lbs (1,150 kg)	2,870 lbs (1,300 kg)
Tine length	18 in (450 mm)			
Tine diameter	0.20, 0.25, 0.30 in (6, 7 or 8 mm)			
Tine spacing	1.23 in (31.25 mm)			
Number of tines	96 pcs.	192 pcs. 288 pcs.	288 pcs.	384 pcs.
Number of tines per section	48 pcs.			
Mounting category	CAT 2 or CAT 3N			
Feeler wheels (18.5x8.5-8" tyres)	2 pcs.	2 pcs. 4 pcs.	4 pcs.	4 pcs.
Tractor performance	22 kW / 30 HP	44 kW / 60 HP 51 kW / 70 HP	59 kW / 80 HP	66 kW / 90 HP

⚠ A double-acting control unit is required for folding

⚠ Scissor folding: We recommend hydraulic tine adjustment for convenient use and an ideal folding process!

ITEMS INCLUDED

- Complete implement with 5 ft (1.5 m) wide harrow sections
- Parking supports
- Grab handles on all feeler wheels to adjust height

APPLICATIONS

- Blind harrowing
- Cereals, maize, grain legumes
- Special crops: pumpkins, sunflowers, etc.

LEARN MORE!



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