TECHNICAL DATA

	HM 3004 / HS 3004 HM 3006 / HS 3006	HM 4506 / HS 4506 HM 4508 / HS 4508	HM 6008 / HS 6008 HM 6012 / HS 6012
Frame width	10 ft (3.13 m)	15 ft (4.65 m)	20 ft (6.25 m)
Row spacing	23.6-31.5 in / 15.7-21.7 in (60–80 cm / 40–55 cm)		
Number of rows	4 / 6	6 / 8	8 / 12
Dimensions unfolded in ft (W)	10 ft (3.25 / 3.15m)	15 ft (4.65m)	20 ft (6.25m)
Transport dimensions in ft (HxWxD) for HM	4 x 10 x 6 (1.35x3.25x2.00m) 4 x 10 x 6 (1.35x3.15x2.00m)	8 x 8 x 6 (2.70x2.50x2.00m)	10 x 8 x 6 (3.30x2.50x2.00m)
Transport dimensions in ft (HxWxD) for HS	6 x 10 x 7 (2.00x3.25x2.25m) 6 x 10 x 7 (2.00x3.15x2.25m)	8 x 8 x 7 (2.70x2.50x2.25m)	10 x 8 x 7 (3.30x2.50x2.25m)
Net weight HM	1,587 lbs / 1,918 lbs (720 kg / 870 kg)	2,381 lbs / 2,712 lbs (1,080 kg / 1,230 kg)	2,888 lbs / 3,549 lbs (1,310 kg / 1,610 kg)
Net weight HS	1,808 lbs / 2,138 lbs (820 kg / 970 kg)	2,866 lbs / 3,197 lbs (1,300 kg / 1,450 kg)	3,351 lbs / 4,012 lbs (1,520 kg / 1,820 kg)
Mounting category	CAT 2		
Number of chopping shares / chopping element	5 pcs. / 3 pcs.		
Number of flanged wheels (300 x 100)	2 pcs.		
Track gauge flanged wheels HM	51.2 - 76.8 in (130-195 cm)		
Track gauge flanged wheels HS	51.2 - 94.5 in (130-240 cm)		
Ideal driving speed HM	2-5 mph (4-8 km/h)		
Ideal driving speed HS	2-7 mph (4-12 km/h)		
Min. tractor performance	36 kW / 50 HP	52 kW / 70 HP	66 kW / 90 HP
Number of required control units HM	-	2 double-acting	
Number of required control units HS	1 double acting with flow control	2 double-acting and 1 double acting with flow control	
Folding	rigid	3-part	
Camera control HS	Claas Culticam 3D Professional		
Linear sliding frame side shift HS	15.7 in (40 cm)		

LEARN MORE!

Technical data provided without guarantee; errors and omissions reserved. All pictures are symbolic pictures. Photos: © APV

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APV HOE MECHANICAL & HOE STEERED

HM / HS

PROFESSIONAL IN ROW CROPS



Version: 2.0 EN US / Item No.:00230-3-227

AMBITION. PASSION. VISION.

HOW IT WORKS

FUNCTIONAL PRINCIPLE

The hoe's simple and compact design allows it to be adapted to the farmer's individual needs. The specially designed chopping coulters enable very shallow, low evaporation cultivation between the rows, while reliably cutting weeds and protecting the crop.
A special feature of the Hoe Steered HS is the Claas camera control system. Combined with the extremely compact linear frame, it makes hoeing precise, fast and comfortable.



WORKING TOOLS

The chopping parallelograms are ball bearing and the chopping elements are made of Strenx 700 steel. The chopping units are fitted with an innovative chopping coulter set consisting of angle coulters and special goose-foot coulters made from Hardox to ensure the flattest possible work. The use of angle coulters alongside the crop row means there is no need for crop protection discs or plates. The innovative in-row hoeing element, consisting of steel fan wheels, is attached to the hoeing element via a parallelogram.



COMBINATION OPTIONS

Can be used with Pneumatic Seeders PS 120 M1, PS 200 M1 and PS 300 M1 with electric fan, electric fan PLUS or hydraulic fan.



ADVANTAGES

EXACT

- Optimised chopping coulters ensure very flat and water saving operation
- Very good intake due to chopping coulters under the parallelogram
- HS: Claas camera control/row guidance
- HS: Section control (optional)

VERSATILE

- Additional spring pressure on the chopping elements possible
- Innovative in-row chopping unit with multiple adjustment options
- Left and right side fold independently

COMFORTABLE

- Lightweight and compact due to high quality materials
- Backlash free cutting elements
- Compact folding
- Centre of gravity close to tractor
- Chopping element pressure easily adjustable via springs
- Wear resistant Hardox steel shares

