

Delta



Delta

Stubble Cultivator



Automatic Reset Stone Protection

The Delta is designed to cultivate in a wide variety of soils including shallow soils over rock, and those with a high stone content. A heavy duty spring break back mechanism protects the cultivator when large rocks are encountered and the pivoting geometry enables the leg of the tine to move up and rearwards thereby passing over the obstacle before immediately penetrating back to its previous cultivating depth. In addition to the spring mechanism the leg is protected by a shear bolt. The shear bolt may be fitted in either of two holes which provides differing penetration and tine operating angles a real benefit in hard soils.

Shares

The complete share assembly is strategically designed to provide maximum soil movement and incorporation of crop residue with the minimum of horse power requirement and wear. The parts

are produced from a high carbon alloy steel and a special heat treating process ensures maximum hardness, long wear life and low running costs.

The share point, upper shin, foot and wings are fitted as individual parts and may be replaced individually.

Advanced Frame Design

The main frame and brackets are all produced from a high grade 100 mm square profile steel tube which provides exceptional strength and durability and enables the design to include an 800 mm frame clearance and 1000 mm distance between the main frame tubes.

This prevents trash blockages and allows the Delta to operate at extremely high forward speeds providing an enviable output. The Delta models are available with optional rear wheels for semimounting to the tractor.



Automatic Reset Stone Protection.



Shares.



Advanced frame design.



Discs

The discs provide excellent levelling of soil immediately prior to the rear roller. A spring steel shank carries the notched discs which enables the Delta to work effectively in a wide range of soils. The Discs are mounted on the roller frame which provides easy adjustment of the cultivating depth without effecting the depth relationship of the discs and rear roller. The carrying frame can be moved forwards or rearwards between the tines and the roller. Two outer discs which level the soil between passes are available as an option and are easily removed for transport.

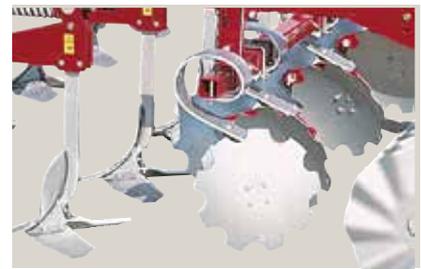
Tandem Cutter Roller

The Tandem Cutter Roller is specially designed for field preparation, where large quantities of crop residues are incorporated in the soil. The powerful wave shaped discs with a diameter

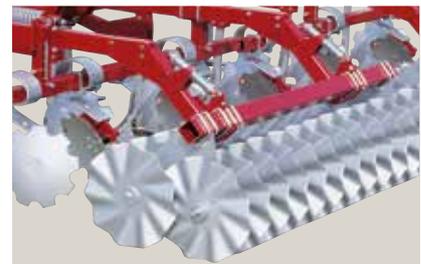
of 550 mm cut through the soil, large clods and crop residues efficiently, so that an optimum incorporation is obtained. Furthermore the design of the Cutter Roller ensures a suitable firming of the soil surface.

Rear Roller

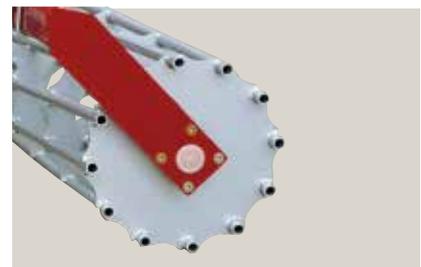
There are three types of cage rollers and a tandem roller assembly available for the Delta implements. The cage rollers are available with diameters of 450, 550 or 630 mm and the Tandem Cage rollers are 450 mm diameter. The roller controls the cultivating depth of the tines and also performs a levelling and surface firming function. This consolidation of the soil and crop residue improves the moisture take up of weed seeds and volunteers for fast germination and also hastens the bacterial breakdown of trash.



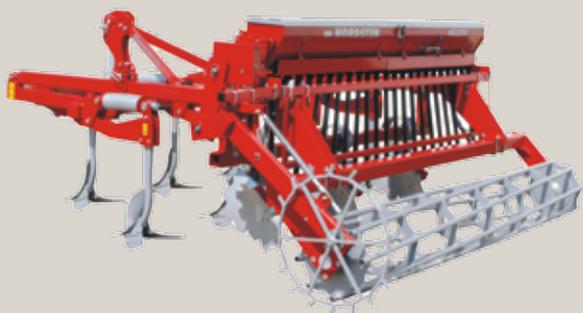
Discs.



Tandem Cutter Roller.



Rear Roller.



Fine seed box

As an option a fine seed box can be mounted on the Kongskilde Delta with 3,0 m and 4,0 m working width (rigid frame only). This makes it possible both to cultivate and to drill e.g. grass seed in the same pass and in this way saving time and operating cost.

Wide working widths

Delta models of 4m working width are available as hydraulic folding versions. Lights and warning panels are available as optional extras.

Technical Specifications

Model/ working width	HSF 250		HSF 300		HSF 400		HSF 400 H	
	Automatic Reset		x		x		x	
Shear bolt	x		x		x		x	
Working width	2,5m		3,0m		4,0m		4,0m	
No. of tines - No. of discs	5 - 6		7 - 6		9 - 8		9 - 8	
Horse Power Requirement	75 - 120		90-150		110 - 180		110 - 180	
Weight kg	650	900	765	1080	1.040	1.460	1.480	1.880
Weight Cage Roller 450 mm Ø	125 kg		145 kg		190 kg		230 kg	
Weight Cage Roller 550 mm Ø	190 kg		225 kg		270 kg		300 kg	
Weight Cage Roller 630 mm Ø	215 kg		260 kg		310 kg		340 kg	
Weight Tandem - Cage Roller 450 mm Ø	265 kg		315 kg		420 kg		450 kg	
Weight Tandem - Cutter Roller 550 mm	470 kg		550 kg		730 kg		760 kg	

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