

Versatility for varying tillage needs: ADMIRAL heavy-duty speed disc

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Whether you need primary tillage for the heaviest soils or secondary tillage for uniform seedbed preparation – or a dual-purpose speed disc for both – the brand-new MASCHIO ADMIRAL Series has the right tool for you.

ADMIRAL is available with a working width of 8,5 m and features with 68 discs individually mounted on 4 gangs and 50 cm spaced. The great tool bar clearance ensures a smooth residue flow, even on the highest yielding fields or wet, sticky soils, eliminating any clogging issues.

The unique 'X-layout' of the discs, with the blades split in the center that throw out to both sides in the front and throw in from both sides in the back, prevents any drift effects. The 610 mm diameter solid, notched discs are 7 mm thick. They are made in high tensile boron steel and have a soil contact which is four times wider than the smaller diameter discs. The discs concavity ensures better soil straw mixing even on a very high density residues, then conventional vertical discs. The 22° cutting angle, the disc shape and spacing ensure an optimal cutting quality even in the toughest working conditions. Each disc hub is mounted on an individual heavy-duty C spring support. The special C shape produces a permanent 3D vibration which improves soil refinement and residues incorporation. The spring arm allows an independent action of each disc and compensates for varying ground conditions as discs can move upwards and sideways. The discs feature with the maintenance-free CultHub that reduced drastically downtime for the operator. These greaseless hubs are fitted with angular contact ball bearings which increase load capacity by 20%. The bearings run in oil-bath and two metal sealing rings floating in position together with two elastomeric load rings, providing lubricant retention.

The 'grand finale' is a matter of beauty; The 3-bar coil-tine harrow is integrally mounted into the frame. This makes a much stronger mount – eliminating additional torsional stress on the gang tubes. The crumble roller has durable blades to size any remaining large clods before planting. The blade angle is pre-set for optimum performance for both spring and fall. Thanks to the special bar pitch, the cage roller offer a perfect soil refinement in tough, dry conditions and moderate firming of soil.

Source: MASCHIO DEUTSCHLAND GmbH; MASCHIO GASPARDO S.p.A.