



Agronic Dribble Bar Ramps



Intended Use

- ✓ Applying slurry to the crop roots accurately, during the growing season, without damaging the crop.
- ✓ Improved utilization of slurry nutrients.
- ✓ Improved yields.
- ✓ Improved field hygiene, higher feed quality, and reduced risk of feed contamination.
- ✓ Reduced slurry runoff into waterways.

Quality for green fields for all over the world!

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- ✓ Two working widths: 12,0-m and 16,0-m
- ✓ Slurry supply hose with a diameter of 127-mm (1)
- ✓ Application hoses with diameters of 50-mm, depending on the model 40 or 54 pcs
- ✓ Hydraulically driven distributor head
- ✓ Hydraulically operated stone trap (2)
- ✓ Distributor air inlet (3)
- ✓ Optional spreading plate (4)
- ✓ Anti-drip system, hoses turn upright for transport/storage.
- ✓ Hose spacing: 300-mm.

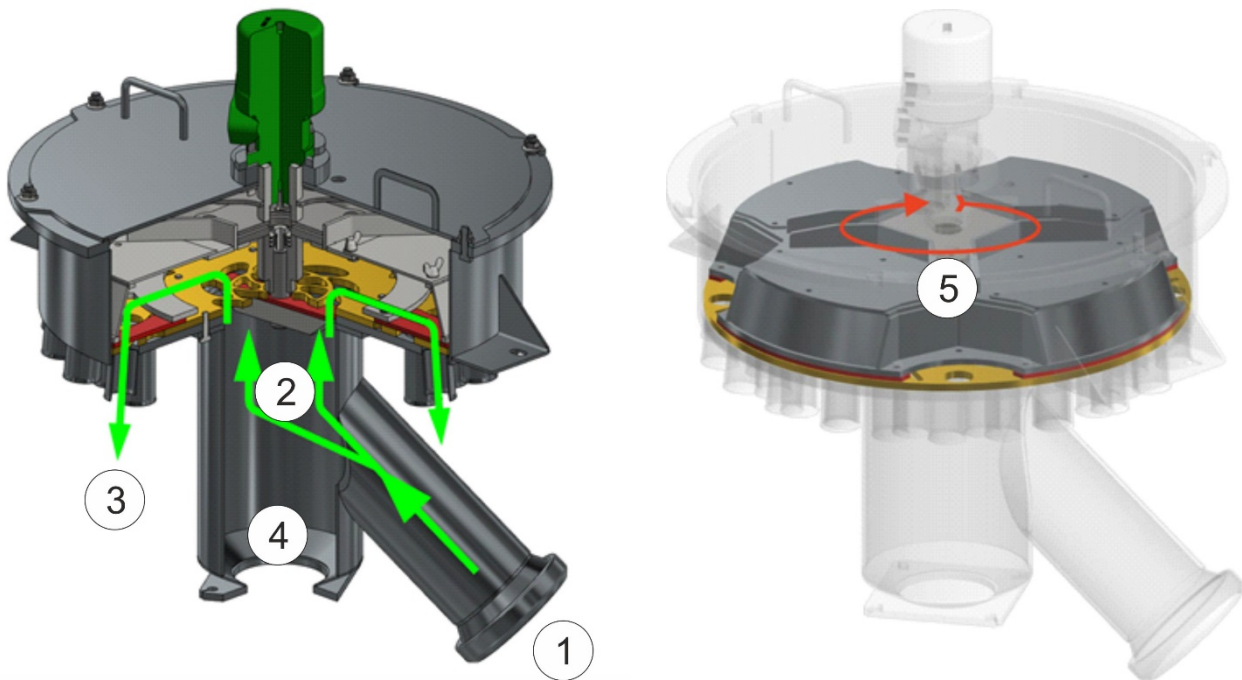
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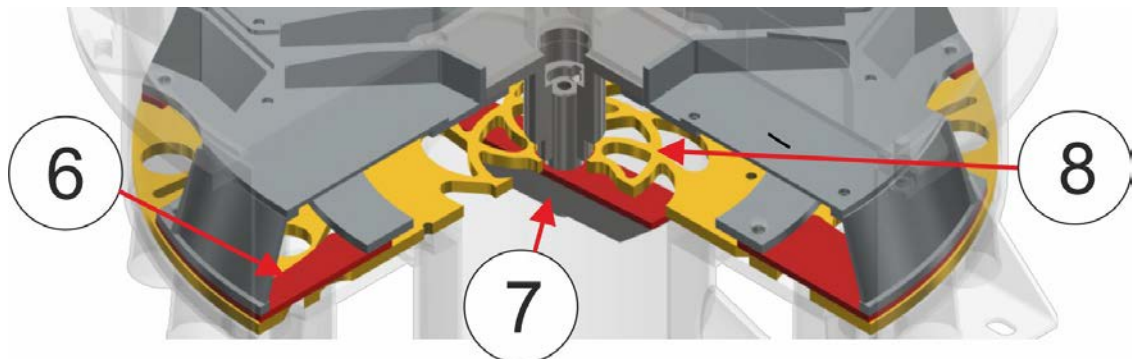
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Operating Principle of the Slurry Distributor Head



- ✓ The slurry is supplied to the distributor head through the pipe (1), and sent to the macerator (2), to the manifold where it is precisely distributed through the pipes (3) into the spreader hoses. A 12,0-m dribble bar has 40 hoses, and a 16,0-m has 54 hoses.
- ✓ Stones and other hard material that can not pass through the distributor head will fall into the stone trap (4). The stone trap can be emptied by a hydraulically operated slide-valve from the tractor cabin.
- ✓ The four part manifold (5) is rotated by a Danfoss OMH 315 hydraulic motor.
- ✓ The manifold has replaceable HARDOX wear parts (6). The blade (7) located below the manifold shreds the slurry passing through the grate (8) passing into the manifold.



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Suitable for Which Tanker:

- ✓ For all Agronic slurry tankers. The 16,0-m version is not suitable for tankers with a capacity smaller than 14m³.
- ✓ Equally important, is that the diameter of the slurry tanker must not exceed 2300-mm, in order to allow section folding for transport.

Retrofit Installation:

- ✓ Agronic slurry tankers are constructed with integrated mounting points.
- ✓ The dribble bar ramp has it's own integrated lifting system.
- ✓ A 3pt linkage mounting system can be installed.
- ✓ Retrofitting requires a crane/telehandler/loader.

Surface Treatment:

- ✓ Hot dipped galavanizing where possible.
- ✓ Zinc phosphating, two component polyurethan paint, and lacquering.

Materialit

- ✓ S-355 steel.
- ✓ Hoses with an inner diameter of 50-mm.
- ✓ Supply hose with in inner diameter of 127-mm.
- ✓ 12-m dribble bar ramp weight of 1535 kg, 16-m version with a weight of 1855 kg.

Maintenance and Special Features:

- ✓ All joints are greasable.
- ✓ The slurry distributor head is symetrical, and can be rotated in either direction. Replaceable HARDOX wear parts are featured.
- ✓ Spreading hoses are in 3 pcs, so in the event of damage only a single section can be replaced.

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Hydraulic Requirements:

- ✓ Electro-hydraulics are normally supplied with Agronic slurry tankers, so the hydraulics are normally controlled through it, therefore the connections mentioned below do not need to be handled by the customer..
- ✓ Hydraulic demand 80 l/min at 180 bar
- ✓ 1x distributor motor supply, 1/2" quick-connect, male coupling.
- ✓ 1x Free return 3/4" quick-connect, with the lowest possible back pressure. Alternatively, if there is a need to rotate the doubling acting valve, 1/2" male coupling in both directions.
- ✓ 1x 3/8" line with back pressure for leakage.
- ✓ 1x single-acting for lifting/lowering the spreading ramp, 1/2" quick-connect male coupling
- ✓ 1x single-acting for opening/closing the ramp sections, 1/2" quick-connect male coupling
- ✓ 1x single-acting for the stone trap, 1/2" quick-connect male coupling.

Accessories:

- ✓ Spreading plate.

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