



>> SAMSON Strip-Till

New injector for placing slurry in row crops

Avoid the use of mineral starter fertilizers for corn. The precise placing of slurry with the new SAMSON Strip-Till not only reduces the amount of starter fertilizer, it also gives you an efficient tool that complies with new phosphorus rules and maintains a high yield.

How Strip-Till works

SAMSON Strip-Till is available in two versions – 6 and 8 rows.

They both function in the same way; the Strip-Till's front drum with the disc first cuts a groove. The two cleaning wheels efficiently remove any plant material in the tillage area and the unique parabolic disc stand lifts up the soil and creates a V-shaped opening in the soil with sufficient space for the slurry. The slurry nozzles place the slurry in two lines. The disc then levels and closes the soil surface again and the packing wheels leave behind a fine surface.

Benefits

- >> Precise placing of early slurry
- >> Prepare a perfect seed bed with less weeds
- >> Soil drying and heating benefits
- >> Avoid the use of mineral fertilizers
- >> High capacity up to 60 m³/ha
- >> Reduce fuel consumption through local tillage
- >> Use Strip-Till in varying ground conditions e.g. ploughed soil, stubble field.



SAMSON Strip-Till workflow is functional and extremely precise. The slurry is placed in two lines: ① approx. 30 % in the upper and ② approx. 70 % in the lower slurry line.

The width of the tillage area is 25-30 cm, the working depth 20-30 cm, and 75 cm between rows is standard, but can be adjusted. The distance between crop and slurry is approx. 5-7 cm. The precise placing of slurry using the SAMSON Strip-Till ensures high utilisation of nutrients in the slurry throughout the growing season.



Specially developed nozzles with integrated slurry hoses place the slurry precisely behind the tooth. The nozzles can be adjusted easily and the placing of slurry lines can be adapted.

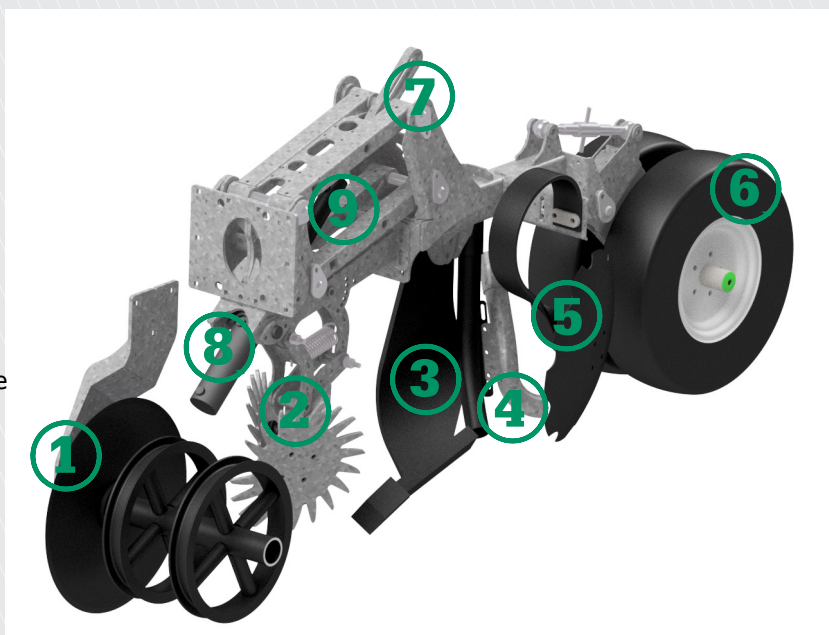


The parallelogram hitch ensures precise depth control for each row. This means the slurry is always placed at the preset height.

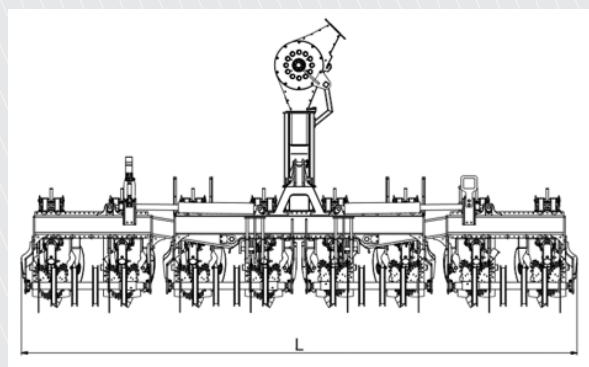
SAMSON Strip-Till construction:

SAMSON Strip-Till has a compact design with several operations which together ensure that the Strip-Till places and covers the slurry precisely.

- ① **Front drum with disc**
- with "soil to soil" packing wheel
- ② **Cleaning wheels**
- With depth control
- ③ **Parabolic disc stand**
- ④ **Two slurry nozzles**
- with distance regulator
- ⑤ **Disc**
- for levelling and closing the soil surface
- ⑥ **Packing wheel**
- ⑦ **Parallelogram hitch**
- ⑧ **Hydraulic stone ejector**
- ⑨ **Hydraulic lifting/lowering**



Technical specifications:



Technical data:		Strip-Till 6	Strip-Till 8
Working width [m]	L	4,5	6
Transport width [m]	W	3	3
Transport height [m]	H	3,2	3,2
Number of rows		6	8
Power consumption: [hp/row]		25-35	25-35
Weight [kg]		3300	4100

