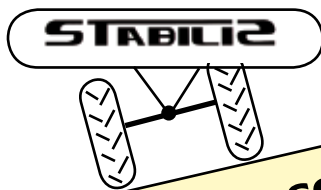


STABILIS



For track width from 1.80 m to 2.70 m



The solution for working in hilly ground conditions with safety.

- **Slope compensation** : The frame remains horizontal.
- **Automatic adjustment** of the boom when slope changes.
- **Better spreading of the total weight** with the wheels : the soil structure is preserved.
- Safety ensured by a visual and sonorous **numerical control**.
- **Safety and comfort** improved on the roads.

GOLD MEDAL SIMA 2005

STABILIS



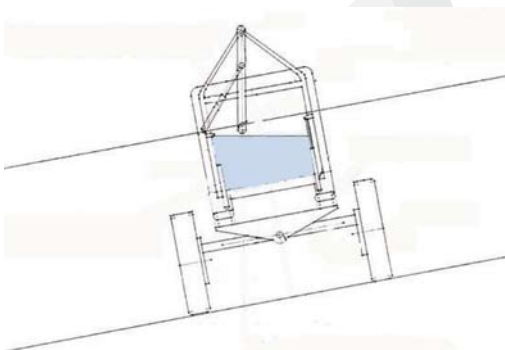
STABILIS is patented automatic ground level adjustment hydraulic system. It allows the boom to remain parallel to the ground and keeps the sprayer horizontal in all conditions.

The STABILIS system is made with a sensor driving two rams fitted on each side of the rear axle. A closed hydraulic circuit keeps permanently all boom parallel to the ground.

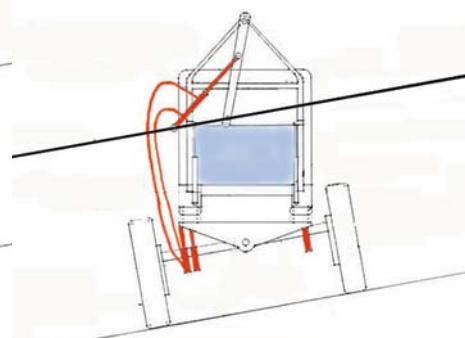
Digital live electronic driver



BUS-CAN data transmission



without STABILIS



with STABILIS

Control and Safety

- 5 switches control digital box
- Wide screen
- Slope percentage display
- Sensors controls
- Maximum correction alarm
- Display of the machine position

High quality spraying

- The boom remains pendular, automatically driven
- The height between the nozzles and the ground level is the same all over the boom width ensuring such an homogenous spraying.

Safety and comfort on roads

On countryside roads, the Stabilis system improves comfort and safety : it can be used when travelling on roads and therefore adjusts the frame angle according to curves and speed. The STABILIS system makes the pneumatic suspension work as an active suspension, and improves considerably the driving comfort and the use on roads.



MATROT Equipements

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