SIRIO GPS Satellite Guidance System

Through signals sent by geostationary satellites, **SIRIO** provides instructions so that the equipment will not pass over a previously treated area.

- Can be used for crop spraying treatments, sowing processes, etc.
- Can be positioned inside or outside the cab.
- **FREE** direct connection to GPS satellite network.
- Free "**SKYGUIDE**" exclusive software enables precision operation in zones where the correction signal is unavailable. No subscription fees for specific correction signals.
- Indication of course by means of LED bars.
- Multilingual alphanumeric display.
- Gives information on:
    - Misalignment
    - Track number
    - Tracks treated
    - Area treated
    - Speed
    - Steering angle.
- Alarm sounds when zones already treated are passed over, tracks are overlapped, satellite signal is lost, etc.
- Possibility of returning to last point treated at any given time.
- Choice of steering modes: Contour or Straight.
- 5Hz Leica Geosystems satellite receiver included.
- Free Firmware updates by personal computer.

The angle indicator displays the correction in degrees required to keep on an exact course

*The **SIRIO** display provides numerous messages and alarms in several languages.*

The lateral deviation bar signals when the equipment departs from the intended swath

Part No: 63520100

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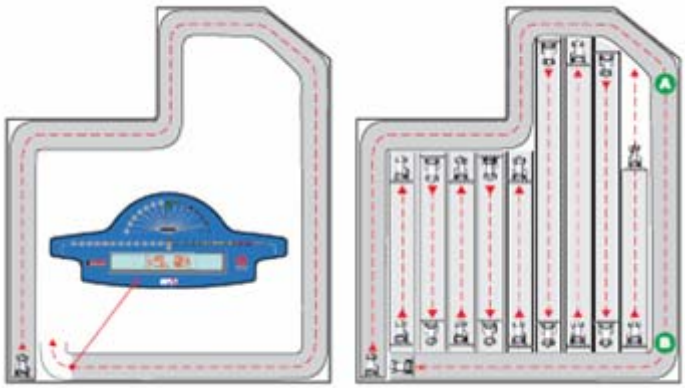
SIRIO comes with monitor, control panel, satellite receiver and connecting cable.

How SIRIO works

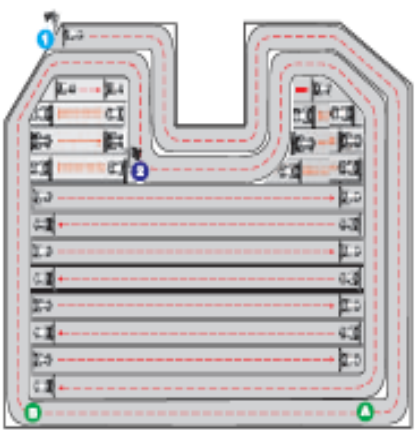
The machinery first traces the perimeter of the field to be treated. **SIRIO** collects all data and stores it into memory (up to 5 fields).

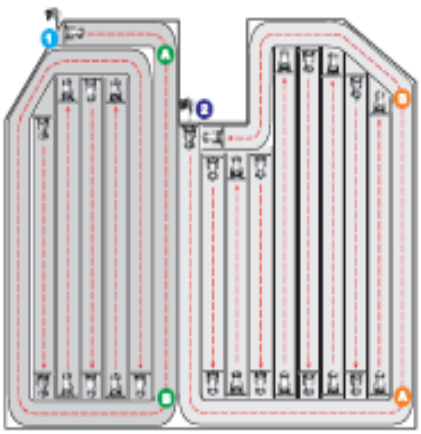
At the end of the circuit, it signals to the operator that he is nearing the initial track.

After marking points A and B of the straight line that will be used as a reference, the whole field can be treated in parallel equidistant tracks



During the process, **SIRIO** will give the operator instructions by means of LED bars and messages on the display.





Work can be carried out at different intervals because **SIRIO** is able to take the operator back to the exact point where previous treatments ended, and indicates the tracks that have already been treated.