

# *Innovation for fertilisation*

**NEW RANGE  
X40/X50**

# ECONOV

**SULKY** 





## Automatic adjustment of your working width!

A spreading area is not straight. Analysis of this spreading area shows a crescent shape offset behind the machine. The ECONOV innovation involves **managing the adjustment for this spreading area in real time with 6 sections**, each of which is managed independently.

The new range of X40/X50 fertiliser spreaders incorporates the **ECONOV 100% SULKY Pack**. On the basis of these **6 sections** ECONOV **automatically** manages your working width at any point on each plot of land. The fertiliser spreading area is adjusted to take the shape of the plot by displacing the dropping point onto the disc.



The MATRIX 840 GS console

- > Controlled by a GPS signal ECONOV treats each section with the aim of eliminating any under- and over-applications in triangular areas and in headlands.
- > The MATRIX 840 GS console makes it possible to display the sections and the progression of their appearance or disappearance, depending on how far you have advanced on the plot.
- > The application rate/ha is automatically synchronised by electric actuators in proportion to the number of open sections.
- > At any time a return to manual operation of the shutters remains possible using the ECONOV electrical control.



## ECONOV works on 3 parameters:

- 1) An accurate understanding of the centrifugal distribution area resulting from tests conducted on CEMIB, the rotating test bench designed in France at Cemagref (SIMA silver medal in 2007).
- 2) Regulation of the point where the granules drop onto the spreading discs (SULKY patent) to control the sections, using electric actuators.
- 3) Geopositioning of the tractor/fertiliser spreader unit, using the GPS signal linked to the guide bar and its section management box.



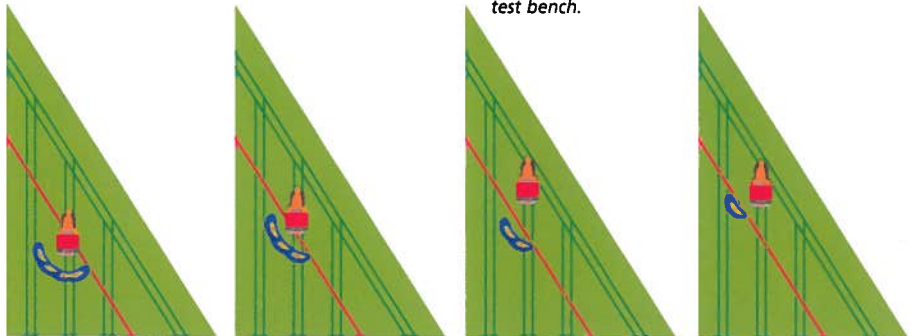
SULKY is the first manufacturer in the world to have worked on a rotating test bench.

## Adjusted "triangular" finishes

**Progressive** section shut-offs from right to left or vice versa (ECONOV acts on the SULKY spouts and shutters) right up to **the last section**.

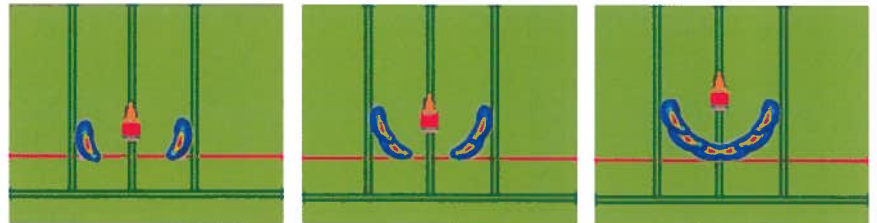
In step with the reduction in working width, the fertiliser application rate is automatically reduced.

In summary ECONOV behaves like the sprayer section shut-off, extra progression!



## Straight headlands

When leaving a headland, ECONOV authorises a progressive, straight, "intelligent" restart: when approaching the headland the application rate and section shut-off is equally **accurate and progressive**.



## ECONOV

+

## TRIBORD 3Di



## TRIBORD 3Di: Target the perfection for your borders!

**TRIBORD, the 1st "bi-mode" system** (Yield or Environment border) is operated from the tractor seat using the VISION console. Its very simple principle involves **moving the patented SULKY spout** with a very accurate electric actuators, in order to feed a **"border" blade built** into the right-hand spreading disc.

- > The **superior accuracy** of the TRIBORD 3D System has appeared in comparative European tests published in La France Agricole on 29/04/2011.
- > Together with ECONOV **the new TRIBORD 3Di** incorporates adjustment settings from FERTITEST®. Thus the travel of the electrical actuators adjusts automatically to the working width and the type of fertiliser being spread giving even more accurate border spreading.

# RTS: 100% automatic adjustment using the internet!



The RTS (*Ready To Spread*®) device enables you to simplify the calibration of your SULKY X40 or X50 ECONOV fertiliser spreader considerably.

- 1) Connect to FERTITEST® at **www.sulky-burel.com** and in several clicks save all your adjustment settings (required application rate, working width, border spreading) on the SD memory card.\*
- 2) In the cab transfer these settings from the SD memory card **directly** onto the VISION-X console.
- 3) With just one click on the console, **complete automated adjustment** of the entire fertiliser spreader takes place.
- 4) You can start spreading!

\* With the "similar search" function on FERTITEST® the farmer can determine his/her settings, even if the fertiliser being used is not yet listed in the database.



The VISION-X console and integral SD card reader are part of the standard equipment on the X40 ECONOV and X50 ECONOV with on-board electronic weighing system.



[www.sulky-burel.com](http://www.sulky-burel.com)

FERTITEST® is the SULKY database which contains the adjustment values for nearly 500 types of fertiliser. It is accessible at any time from an office computer or a smartphone.



**PACK ECONOV**  
ECONOV System • Guidance  
VISION WPB Weighing • TRIBORD 3Di  
Ready To Spread®



## TYPE

## X40 VISION WPB ECONOV

## X50 VISION WPB ECONOV

<b>Working width</b>	12-44 m				24-50 m		
<b>Hopper capacity (level)</b>	1 900 l	2 500 l	2 600 l	3 000 l	2 400 l	3 200 l	4 000 l
<b>Overall width</b>	2.70 m*		2.98 m		2.98 m		
<b>Usable loading width</b>	2.31 m		2.81 m		2.81 m		
<b>Loading height</b>	1.23 m	1.41 m	1.48 m	1.52 m	1.26 m	1.44 m	1.62 m
<b>Loading depth</b>	1.17 m				1.32 m		
<b>Max. flow rate</b>	520 kg/min				520 kg/min		
<b>VISION WPB weight (example)</b>	520 kg	550 kg	560 kg	565 kg	650 kg	685 kg	710 kg
<b>Carrying capacity</b>	3 000 kg				4 000 kg		

\* 2.55 m at the hopper, 2.70 m at the hand rail

To be specified when ordering:  
the set of blades required (12-24 m/24-36 m/32-44 m/40-50 m).

## MAIN OPTIONS:

hopper extensions, folding cover,  
parking wheels, mud-shield equipment, etc.

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# SULKY

The drilling and spreading specialist

[www.sulky-burel.com](http://www.sulky-burel.com)