

2022 INNOVATIONS

ISOBUS HYBRID THE BEST OF BOTH WORLDS

"AS APPLIED"
Shape files as documentation



**SEE MORE
WITH LED
WORK LIGHTS!**

EVEN BETTER SECTION CONTROL

*More precision in wedges and
remaining areas*

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**ISOBUS for M35 and L20
without weighing technique**

-  The perfect medium sized spreader
-  Quick setting of rate
-  Ready for precision farming
-  Fully automatic corner spreading (M-line only)

M 35
AL DYNAMIC



ISOBUS HYBRID
THE BEST OF BOTH WORLDS

Introduction

The majority of new tractors sold today are equipped with expensive hardware that is often not fully utilized. For instance Isobus terminals are becoming more and more widespread as standard equipment.

For the 2022 season, we are launching an Isobus hybrid solution for spreaders without weighing technique. This opens up the possibility of utilizing the best features from both spreader and tractor.

The Isobus software is adapted so that the functionality performs similar to a spreader with Calibrator.

In addition, the user gets all the benefits from the tractor's Isobus system such as section control, application maps and documentation etc.



M35 / L20 ISOBUS
Take full advantage of the tractor's Isobus network



Get started after 30 seconds flow test with S-indicator.



Enter the calibration quantity value from the S-indicator directly in the tractor terminal.



Register filled in quantity in the monitor. Get full control of hopper contents via the fill in function. A calculation based on the calibration value shows the remaining amount in the hopper.



Take advantage of the possibilities from both tractor and spreader. Achieve the same high precision in wedges, on the headland area and in corners as on the rest of the product range, for example when the spreader is fitted with Section Control Dynamic.



M35 connected to Valtra SmartTouch. Allows you to get the most out of the tractor's Isobus system



Make use of all the great features from the tractor's Isobus system, for example operation via joystick.



When the functions are programmed in the tractor's Isobus terminal, start / stop and quantity control +/- can be operated via the joystick.



Quantity setting is done quickly and easily with the included S-indicator.

The system can be mounted on M35 and L20. It is expected to be fully integrated on the entire M-line during 2023 including the M45. The system can also be retrofitted on M35 and L20 spreaders as an upgrade.

Item numbers for complete Isobus Controller:

6388-01 for M-line
6888-01 for L-line



Meets the isobus 11783 standard



Use the ISOBUS system for application maps, section control etc.






Compliance Certification. Your security for compatibility with other manufacturers of Isobus systems. Find us on <https://www.aef-isobus-database.org>

Extended section control

With the new update for Calibrator Totz and Isobus, we are doubling the number of sections on spreaders fitted with Section Control Dynamic. It provides greater flexibility on remaining areas where tramline distances are asymmetrical. At the same time, it provides optimized overlapping zones when driving in long wedges.

The increased number of sections is used for working widths from 24-42 meters. For working widths under 24 meters, the solution with 8 sections is still used.

Advantages:

-  80 sections
-  Optimized overlapping
-  More flexibility

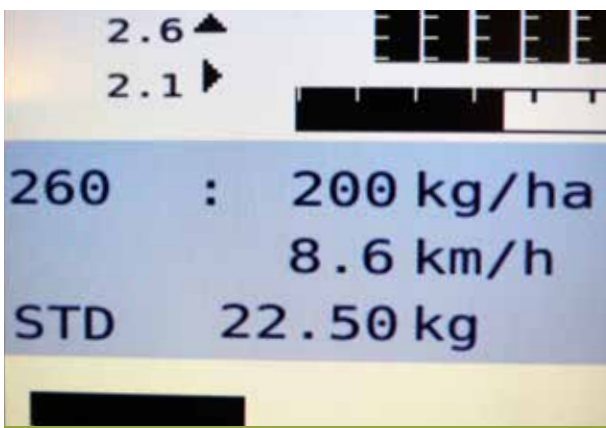


Update existing spreaders with Calibrator Totz and achieve an increased number of sections.



On remaining areas with asymmetrical tramline distances, an increased precision is obtained, as the section width is reduced.

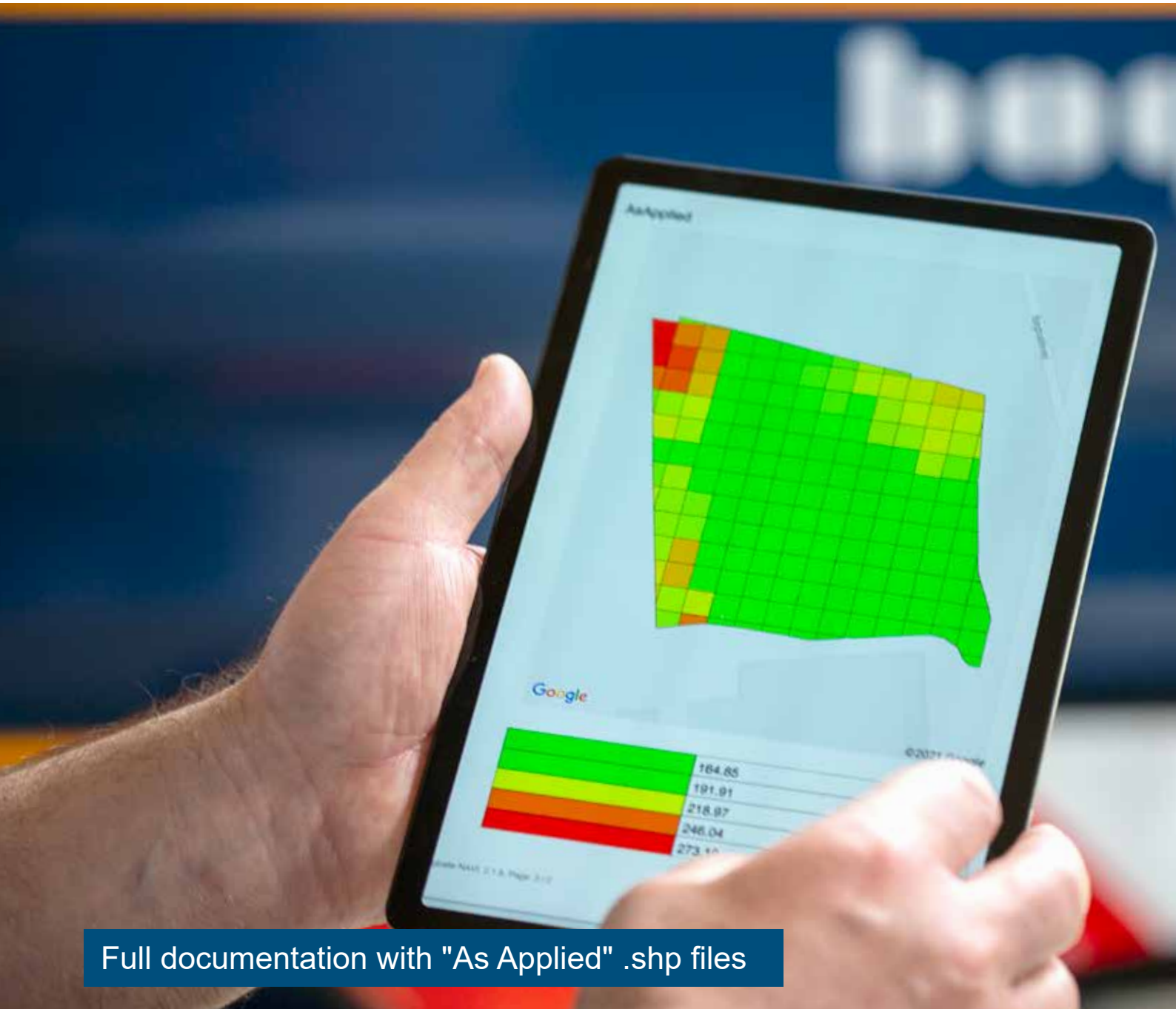
80 sections
with Section Control Dynamic



With Differential Dynamic activated, the Isobus terminal shows the quantity individually on the left / right side as in the example here with 260: 200 kg / ha.



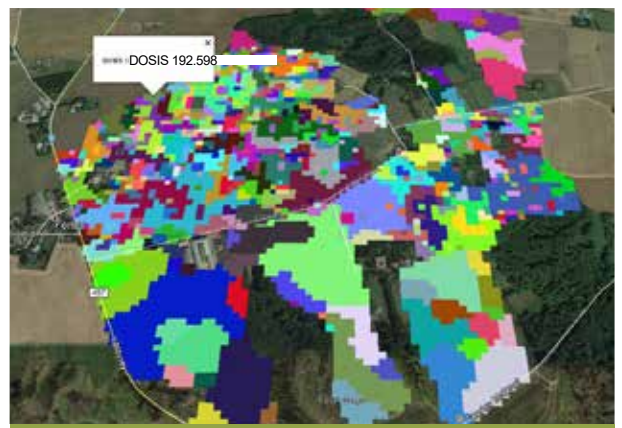
The new software is compatible with all existing spreaders with Isobus Controller Gen II.



Full documentation with "As Applied" .shp files



Upload your "As Applied" files to Google Earth Pro in .shp file format and get the opportunity to browse documentation at field level. This service is free of charge.



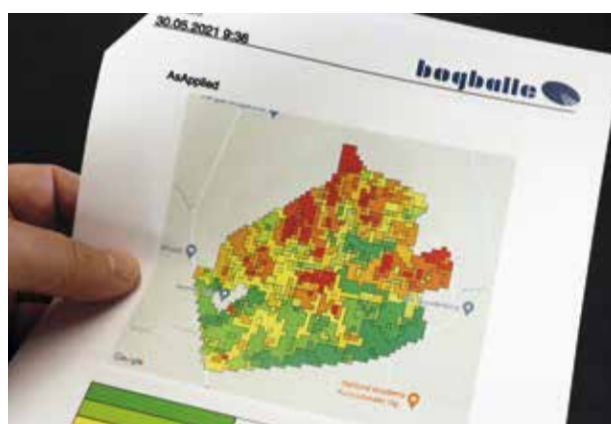
Field documentation opened in Google Earth. Where is the fertiliser spread? By clicking on the individual areas from the field map, the applied quantity is displayed.

AS APPLIED FIELD DATA FROM NAVI APP

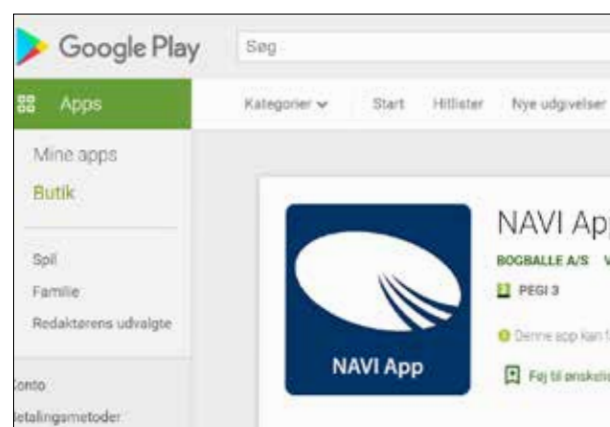


New update of the NAVI app includes full documentation of field work. In the new version, it is possible to generate "As Applied" documentation that shows the quantities spread on the field. The file is generated in previous known formats (pdf, csv etc.), but now also as a shape file, which is often used as documentation in connection with inspection visits by authorities.

Send the field documentation directly from the tablet by e-mail - it's quick and easy!



The "As Applied" information has also been added to the job report, which can be generated in Navi App as a pdf file.



Update the Navi App in Google Play and get even more benefits.






Work lights

Set consisting of 4 LED work lights. The work lights are mounted in stainless steel brackets on the side supports of the spreader. The position of the lamps between the spreading frame and the spreading discs makes the fertiliser grains to reflect the light cone. It gives a good overview of the spread pattern.

The lamps are adjustable and set to light-en both normal and border spreading at the same time. It provides a good overview when spreading field corners after dark.

The set is delivered with an "open-end" power supply cable, so it can easily adapt to the tractor's 12V plug. The work lamp set has order code 6934-20

The set contains of:

-  4 pcs LED work lights
-  5,200 Lumen in total
-  IP68 rating
-  Delivered in stainless steel brackets
-  "Super-seal" plug connections



The lamps are positioned so that they are well protected against fertiliser grains. The direction of the light cone can be adjusted individually on each lamp.



Each lamp delivers an output equivalent to 1300 lumen. The total package provides 5200 lumen.

See more with LED work lights!
5,200 lumen in total with the 4 sturdy
LED lights for mounting on all M-line
spreaders.



A very effective supplement to your tractor's work lights.



Well protected. The wiring loom is fitted with "Super Seal" plug connections that have IP67 rating.



The shaft for left/right side closing on L15 is also perfect for To/From Border system on spreaders with hydraulic remote control of border spreading (6881-00 + 6790-30). With this combination, the tractor driver can control the headland spreading remotely, directly from the driver's seat via the tractor's hydraulics. It requires two single-acting and one double acting hydraulics. Item numbers to be ordered: 6881-00 + 6790-30 + 6972-85

SHAFT FOR LEFT/RIGHT SIDE CLOSING L15






New shaft for shutters

Combine the hydraulic remote control with a shaft for left/right side closing and achieve individual operation of the right / left side in connection with row equipment

Item number is 6972-85.

The set consists of:

-  Hydraulic cylinder with ball coupling
-  Shaft for left/right side closing incl. bracket
-  Adjustment scale including stop



The shaft for left/right side closing L15.



A flexible solution both when using 2-row equipment or as headland spreading solution To/From border.

In addition to our existing range of quick hitch systems and link pins, we have developed two adapters for M45W and M35W.

6933-30: Adapter cat 3 / 4N Quick-Hitch for M45W.

6923-30 Adapter cat 3 Quick-Hitch for M35W

Both adapters are supplied including bolts for lifting arms and top link.



Top link point M45W



Both adapter are supplied including bolts for lifting arms and top link.

QUICK HITCH ADAPTER M35W / M45W



A strong construction that withstands the stress caused by an increased center of gravity. Depending on type 110-125 kg of material has been used in the construction itself.



Both adapters can also be retrofitted to M2W and M3W spreaders.

FIND MORE INFORMATION AT
www.bogballe.com

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Complexity
- the simple way

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