



*PERFORMANCE*

*PRECISION*

*TRACEABILITY*



**HYDRAULIC  
DRIVEN  
MULCHERS**



# AGRICOLTURE 4.0

**PART 1**

What is **Berti4Connect** ?

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**PART 2**

How does **Berti4Connect** work ?

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**PART 3**

How to connect

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**PART 4**

Applicable models

# What is Berti4Connect ?

Digital transformation is growing in agriculture, with a lot of companies interested in taking benefits resulting from the application of advanced technologies. Berti has always been open to innovation and experimentation with new intelligent solutions that bring advantages in terms of production efficiency, competitiveness and greater sustainability. Thus was born Berti4Connect an IoT system that transforms Berti's products, enhancing their interconnection, information technology and digitalization, trying to guarantee users a reduction in costs, better quality, greater traceability and less impact on the environment.



# How does it works

Mulchers equipped with Berti4Connect will be able to "land" in the age of agriculture 4.0. The product includes a microprocessor necessary to process the data received from the various sensors present on the mulcher. These sensors read the fundamental parameters for correct system operation, allowing the user to adjust the use of the mulcher to reach optimal results.

A 4.3" display helps to view all data directly in the field.



## WORK TIME

Machine operating hours are stored, so it is possible to monitor the duration of the processes and their cost.



## GEOFENCING

You will be able to know the position of your machine at any time with the map of the route taken. It is possible to define areas where the machine can work.



## MECHANICAL TRANSMISSION TEMPERATURE

Monitor the power transmission temperature of your machinery for optimal operation. Alarm on the display will show the critical temperatures to avoid any damage to the product.



## CUTTING SPEED

Monitor the RPM of the cutting rotor. Perfect cutting speeds are required for perfect mulching.



## CLOUD SYNC

Synchronize everything on the Cloud and check the work's parameters at the end of the day.



## WORK ORDERS

Schedule and send to the machine the work orders to be done during the day. The user on the machine can choose which one to start first. Collect all information relating to the specific performed work.



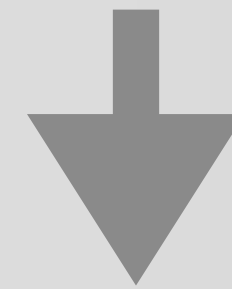
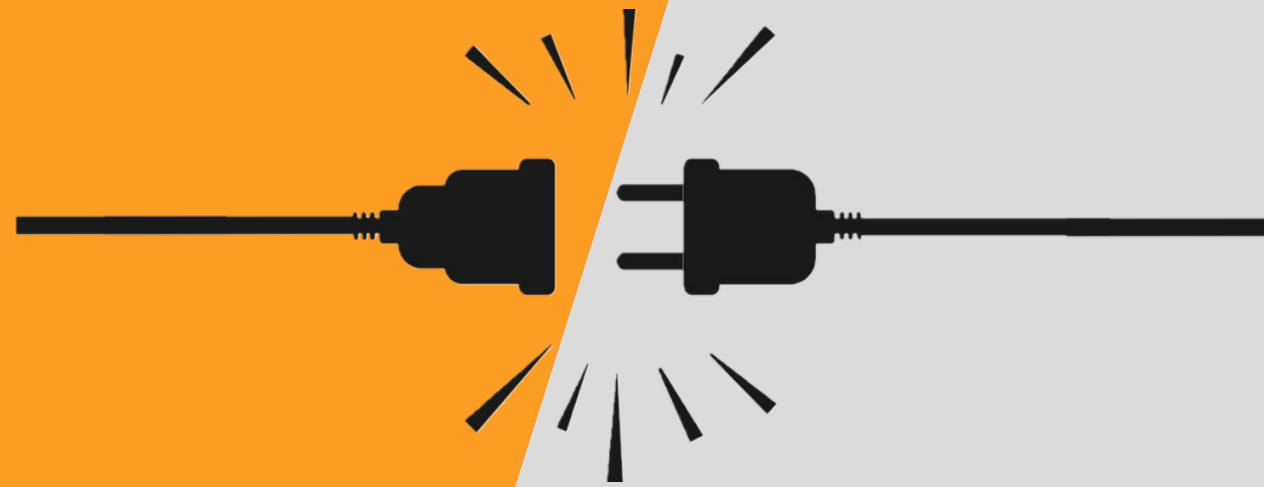
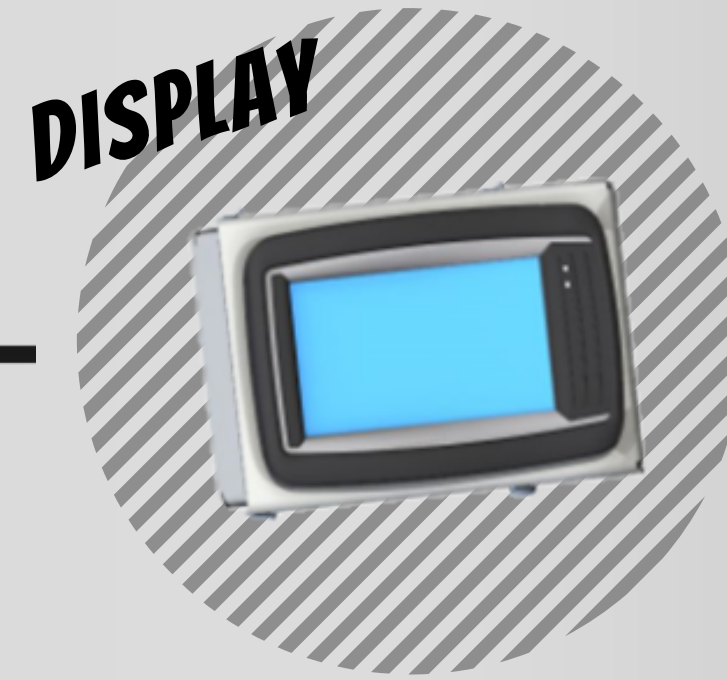
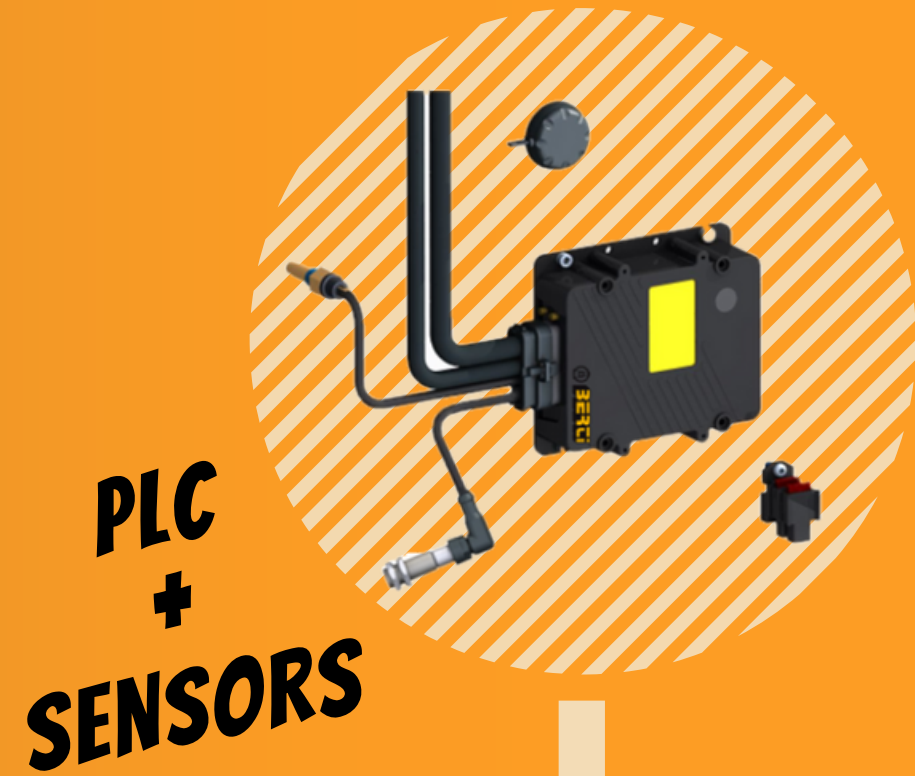
## VIBRATIONS

The system is able to detect excessive vibrations produced by the mulcher by alerting the operator on board. Any extra threshold vibrations will be saved for later analysis by the cloud.



## SERVICE

The system is able to notify when and which component needs routine maintenance. Thus avoiding oversights that would reduce the life of the machine.



 **LAND/SB**

 **CKT/FX**

 **PARK/FM PARK/FX**

 **TBM/SB**

 **TFX/SB**

 **EFX MD/SB**

 **ECF MD/SB**

**APPLICABLE  
MODELS**  
  
**FORESTRY  
MULCHERS**

 **ECF/SB**

 **EFX/SB**

 **MX/SSL**

 **MD/SSL**

 **AF/SSL**

 **KX/SSL**

 **MINI/SSL**



*A name you can trust*

**Contact us for further  
information!**

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