

# EVO•NIR 4.0

Real time  
N, P, K analysis



DINAMICA GENERALE S.P.A.  
EVO NIR 4.0 mit SW 4.6.3 und  
KALIBRATIONSMODELL 908

✓ Inhaltsstoffe in Schweinegülle:  
N<sub>Gesamt</sub>, K<sub>2</sub>O

DLG-Prüfbericht 7140



DINAMICA GENERALE S.P.A.  
EVO NIR 4.0 mit SW 4.6.3 und  
KALIBRATIONSMODELL 907

✓ Inhaltsstoffe in Rindergülle:  
TM, N<sub>Gesamt</sub>, P<sub>2</sub>O<sub>5</sub>

DLG-Prüfbericht 7139



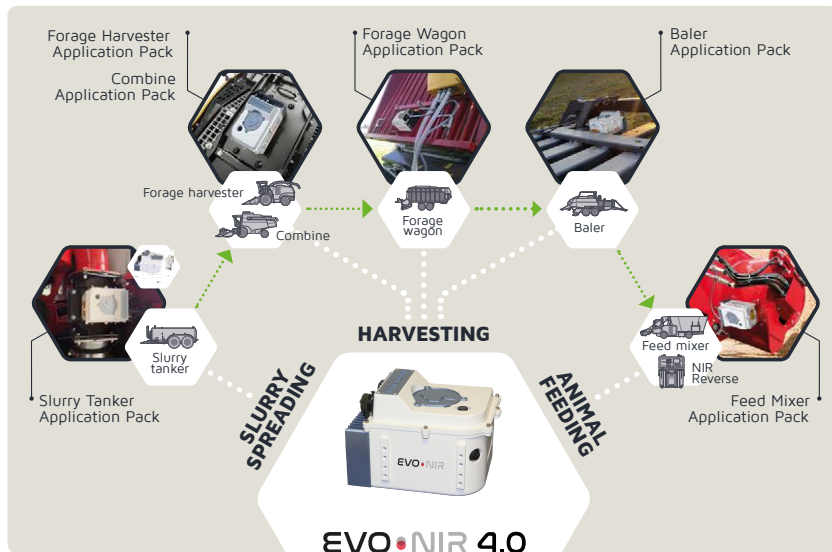
DINAMICA GENERALE S.P.A.  
EVO NIR 4.0 WITH SW 4.6.3.38  
AND CALIBRATION MODEL 910

✓ Ingredients in mixed manure:  
N<sub>Total</sub>, NH<sub>4</sub>-N, K<sub>2</sub>O  
✓ Ingredients in liquid digestate:  
TM, N<sub>Total</sub>, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O

DLG Test Report 7235



# EVO•NIR 4.0

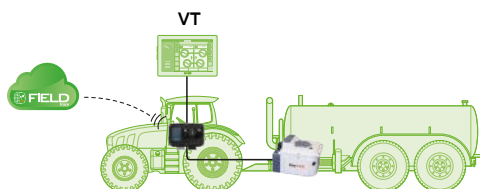


EvoNIR sensor takes the guesswork out for producing high quality silage with **outstanding accuracy** and **can be mounted** on forage harvesters, combines, balers, forage wagons, **slurry tankers**, compactors, feed mixers and portable in a carrying case.

## AVAILABLE CONFIGURATION FOR SLURRY TANKER

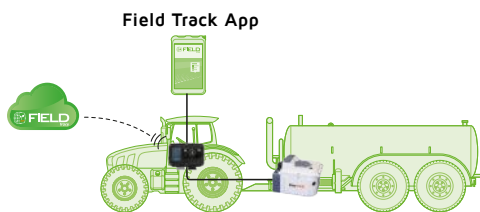
### EvoNIR with Virtual Terminal

- EvoNIR
- + Kali Connection Hub
- + Virtual Terminal
- + Field trace
- + Flowmeter integration



### EvoNIR with Field Track App

- EvoNIR
- + Kali Connection Hub
- + Field track app
- + Flowmeter integration



## DINAMICA GENERALE PRECISION FARMING SOLUTIONS



The way farmers, growers and contractors run their operations is changing. Connected machines, real time **data-driven decisions** are playing a key role in **enhancing productivity, profitability and sustainability**. Dinamica Generale precision agriculture solutions are **designed to boost productivity, yields and quality**.



Full wireless  
connectivity



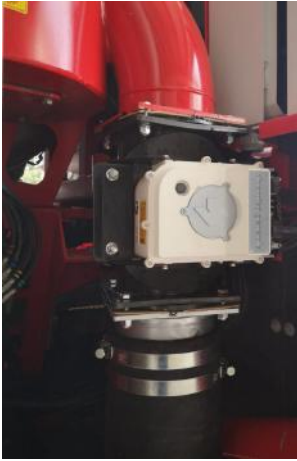
Remote software  
updates



Standard  
communication  
protocols



Remote  
serviceability



With the aim of achieving a circular economy and a **sustainable agriculture**, livestock manure must be considered as a valuable nutrient to maximize the yield and reduce emissions.


Thanks to real time NIR analysis and **variable rate application systems** is now possible to easily define the target value of a specific fertilizer element and automatically control the flow to reach the target spread factor.

- Isobus – CAN J1939 built in
- Cost saving on: mineral fertilizers and sampling costs
- Easier and more precise slurry documentation for local regulations compliance
- Environmental protection & traceability





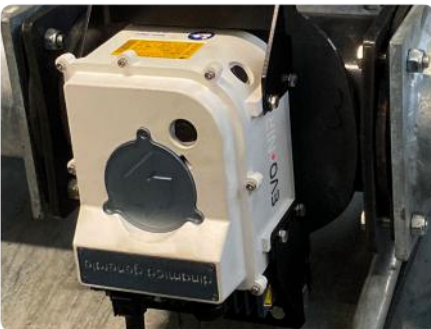
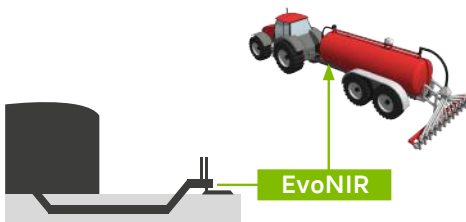
## PRECISION SPREADING WITH EVONIR

|  | DRY MATTER | N Total | NH4-N | P205 | K20 |
|---|------------|---------|-------|------|-----|
| COW SLURRY  | ✓          | ✓       | ✓     | ✓    | ✓   |
| PIG SLURRY  | ✓          | ✓       | ✓     | ✓    | ✓   |
| MIXED SLURRY  | ✓          | ✓       | ✓     | ✓    | ✓   |
| DIGESTATE   | ✓          | ✓       | ✓     | ✓    | ✓   |

Considering the increase in prices of chemical fertilizers, slurry and digestate are more and more an important resource in the fertilization process.

Contractors, Growers and farmers can now rely on **EvoNIR 4.0** analyzer for smooth, reliable operations and precise applications of slurry according to pre-determined crop nutrient requirements and regulations.

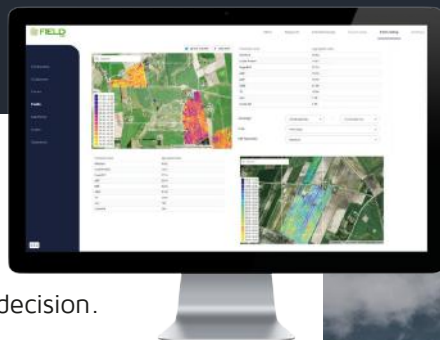
EvoNIR 4.0 can be used both in a **stationary** mode during slurry tanker's filling but also directly on board **during the spreading** in field.





**Field Trace** is the specialized software for managing **in-field operations** from soil preparation to harvesting.

**Weighing** and **NIR data** are collected into the big data cloud software to turn real-time field information into actionable decision.



Select your field

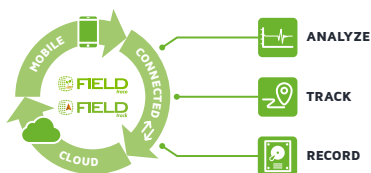


Real time NIR mapping



Execution data

**Field Track** is a tablet and smartphone-based App for in cab real time crop quality mapping.



The field track App is mounted in the cabin of the machine and wirelessly communicates with the **Field Trace Cloud software**.

