![Able ID Ltd logo — Delivering Quality RFID - Low Price]

RFID Tags for use on Maize or TMR Bales
RFID Tags come in many shapes and sizes.

RFID Tags Can be Printed onto

Add your own text, Logo, TagID#, whatever you would like.

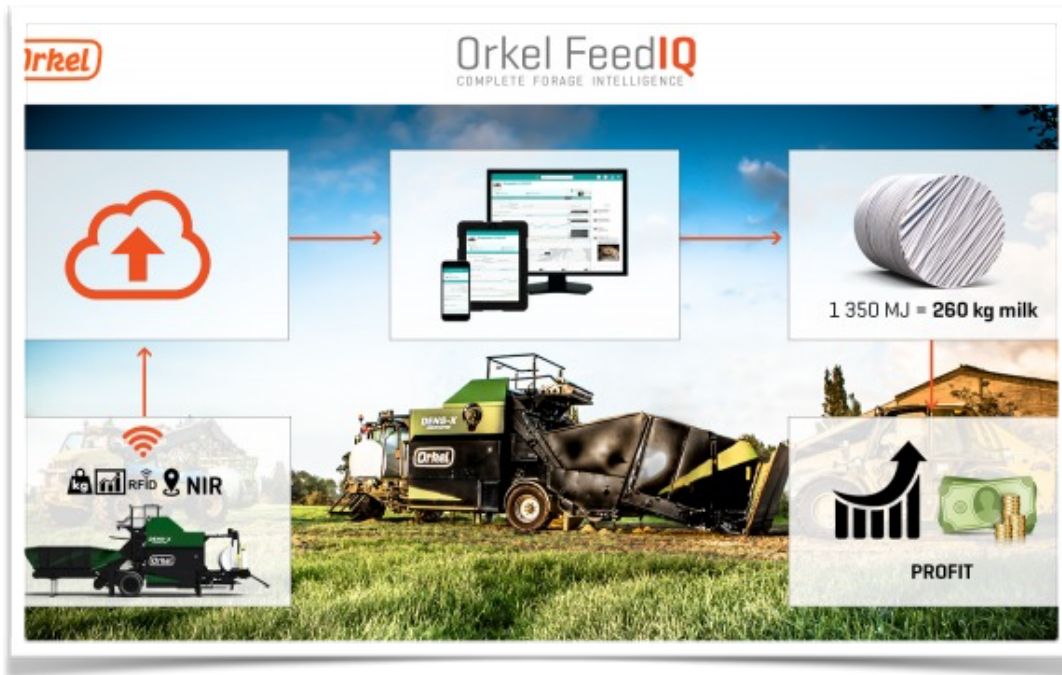**RFID Labels**

RFID and The FeedIQ-system by Orkel

The FeedIQ-system from Orkel is an integrated forage scanner offering Farmers and other Agricultural users a system that will help produce high quality products e.g. milk at a low cost, offering a good RTI for it's users.

FeedIQ enables Orkel to scan the forage quality during baling. The sensor scans the forage 60 times a second during baling, and the results of the scans are sent to the machine control unit. The bale is then transported to the wrapping table, where it is weighed. This information is then sent to the control system. The machine adds a set number of layers of plastic film on the bale. After a set number of layers of film, the RFID-tagging process starts see the video here for bales being packaged ……
https://vimeo.com/152976124 and Reading a RFID Tag https://goo.gl/VhmwhB

The RFID Labels chosen by Orkel Worked perfect for their solution

RFID AGRICULTURE
More Companies are seeing the benefit of using RFID in this sector

RFID TAG TYPES
There are many different forms of RFID tag suitable for almost any application.

RFID INNOVATION
There are many companies using RFID in very Innovative ways to get ahead of the competition. like Orkel!

Right before the tag is placed onto the bale, it is read by the RFID reader/writer. The tag-id's are also sent to the control unit. The baling process is finished with wrapping two or three layers of film on top of the RFID NFC-tag which adds protection.

The information which is sent to the control unit is then combined and uploaded to **Orkels cloud service** by any 4G/Wifi or GPS-antenna.

The customer can then access the bale information by scanning the bale-tag using Orkels app on their Phone or other mobile Device, or type in the tag-number onto Orkels bale-database.

Orkel and TINE in Norway are working together to develop a way to predict the loss in forage quality over time. This will enable the customers to plan feeding of their cattle in a very detailed manner. The FeedIQ-system will provide them with detailed information which includes precisely the quality of the feed and how much they have in stock.

This will save time and money providing a stable milk-production, and the required amount of forage supplements, providing a significant amount of RTI back to customers which they will benefit through cost saving on their feed and quality of production providing a significant Return on Investment by using Orkels FeedIQ-system.

Orkel and TINE are currently researching together to predict the amount of milk customers can expect from the forage of one bale of a given quality. This is what makes FeedIQ special.

So, How Did AbleID Help Orkel.

Magnus Nordås Lervik who is a Project Engineer from Orkel first made contact with AbleID.

Magnus wanted a RFID NFC tag with a protective layer to fit to Bales. After we worked through the project requirements and tested various samples the solution was found in the form of a low cost NFC sticker tag with Logo and Tag ID Numbers which could be attached to bales using a mechanical dispenser for automatic attachment. AbleID was able to provide RFID tags with a printed logo and TagID Numbers.

Magnus also went onto purchase the RFID readers for use in the Mechanical Dispenser and now has a full working RFID solution.

After helping Magnus find the best solution for his RFID project in the form of RFID tags and Readers Magnus responded with "I would just like to say; Your customer service is impeccable!".

ABOUT ABLEID LTD

AbleID Ltd is a UK Based Company in the North West of England. Our Customer Base includes big names such as Samsung, DHL, Debenhams, Cisco, plus many other SME's, Schools, Colleges and Universities. We pride ourselves in delivering you the product you require at a competitive price and a friendly and helpful service.

If you have a RFID project and are unsure what RFID Readers, RFID tags or software to use please contact us as we would be delighted to provide you with the most suitable product for your application. If we can't supply a product we can generally recommend another RFID company that can help, so please get in touch info@ableid.com