



PROJECT PROFILE



Coedmoelion Farm

With milking time taking 4.5 hours to milk 250 cows through an existing 2 x 8 doubled up parlour Noel and Eleanor Richards decided the time was right to consider upgrading to a new milking parlour. Ideally they wanted to milk their cows in approximately one hour with one person if possible without compromising cow health or milk quality.

This second generation 350 acre farm has the capacity to milk up to 350 cows but Noel is hoping to purchase more land in the near future so that total cow numbers reach 450.

After looking at several different parlour design's it was established that a rotary milking system was the only way that high cow throughputs with a single labour unit would be achieved. With several different tenders on the table Noel decided Milfos offered the best technology and experience for rotary milking systems available.

A 50 point iFLOW rotary with iCONVEYER Milking system, iNTELSKAN PLUS with milk metering, and automatic cluster removers with cow retention system was chosen. This equipment allowed Noel to have his herdsman milking alone in the parlour and feel confident that the job was "been done right." With cows being housed for several months each year special attention is given to every animal to ensure that cell counts are being kept to a minimum.



Farm Stats

Farm Owner: Noel & Elanor Richards

Size: 350 acres

Location: Llanelli, Carmarthenshire, South Wales, UK

Number of Cows: 250

Farming Type: Total Mixed Ration

System Design referred to in this Profile

| | Ref | Page |
|--------------------------|-----|--------|
| • iFLOW | | 5.2 |
| • iCONVEYER | | 6.2 |
| • iNTELSKAN PLUS LEVEL 4 | | 7.3,13 |
| • iNTELWASH | | 7.4,14 |
| • iCRS | | 7.3.2 |

The other advantage of selecting iNTELSKAN PLUS was the wide range of upgrade options available. With a few additional components the system can be expanded to a fully computerised management system. Heat detection with automatic sorting and weighing are also options to consider in future.

So what do the Richards think of their decision now? Within two weeks from the start of milking in the new rotary, milking time has come down from 4.5 hours to under one hour. With a 7500 litre average herd yield, rotation times are around 12 minutes. This is expected to decrease as the cows and operator become more comfortable with the system.

The system also includes an iNTELWASH for automated washing of the parlour. Detergents are dosed automatically by the system, a full weeks wash can be programmed and execute without user intervention.



A milk purge system is installed on the milk delivery line to recover milk left in the line at the end of milking. This system has a short payback period so the decision to purchase was not too difficult.

Cows are not feed on the rotary at the moment but should Noel require feeding, this can be easily added at anytime in the future. With the iFLOW rotary the feed bins are modular and can be retrofitted at any time. The feed dispenser can be linked back to a full management system and linked with INTELSCAN PLUS so the cows are fed according to yield.

