

Technology & Engineering

ENGINEERED FOR MODERN INDUSTRIAL DAIRY PRODUCTION

The Green Step dairy platform was developed around advanced large-scale dairy-farming technologies, integrating animal housing, milking, herd flow, manure management and supporting infrastructure into a coordinated operating concept.

GEA DAIRY TECHNOLOGY CONCEPT

The overall dairy technology concept and operating layout were developed with GEA.

The project equipment concept includes large-scale milking technology, herd-management systems, milk cooling and associated dairy-process equipment.



BAUER AUSTRIA MANURE-MANAGEMENT CONCEPT

The manure-management system concept was developed by BAUER, Austria, integrating manure and slurry collection, handling and treatment.



UNIBOX PRESTRESSED-CONCRETE STRUCTURAL SYSTEM

The livestock barns were constructed using the UNIBOX structural system, based on prestressed-concrete technology of Italian origin. The system provides a durable, large-span structural solution suited to modern livestock buildings.

BUILT FOR SCALE

1,600 MILKING COWS
Current built configuration

≈2,300 MILKING COWS
Site expansion potential through additional barn development.