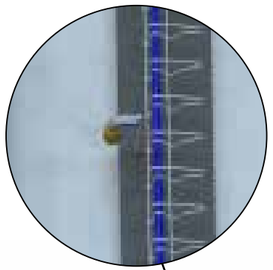
Teat spray robots

Automating one of the most repetitive tasks on the dairy farm helps ensure precise application of pre- and post-dips. It also helps lower labor cost for a faster return on investment.



Cow brush

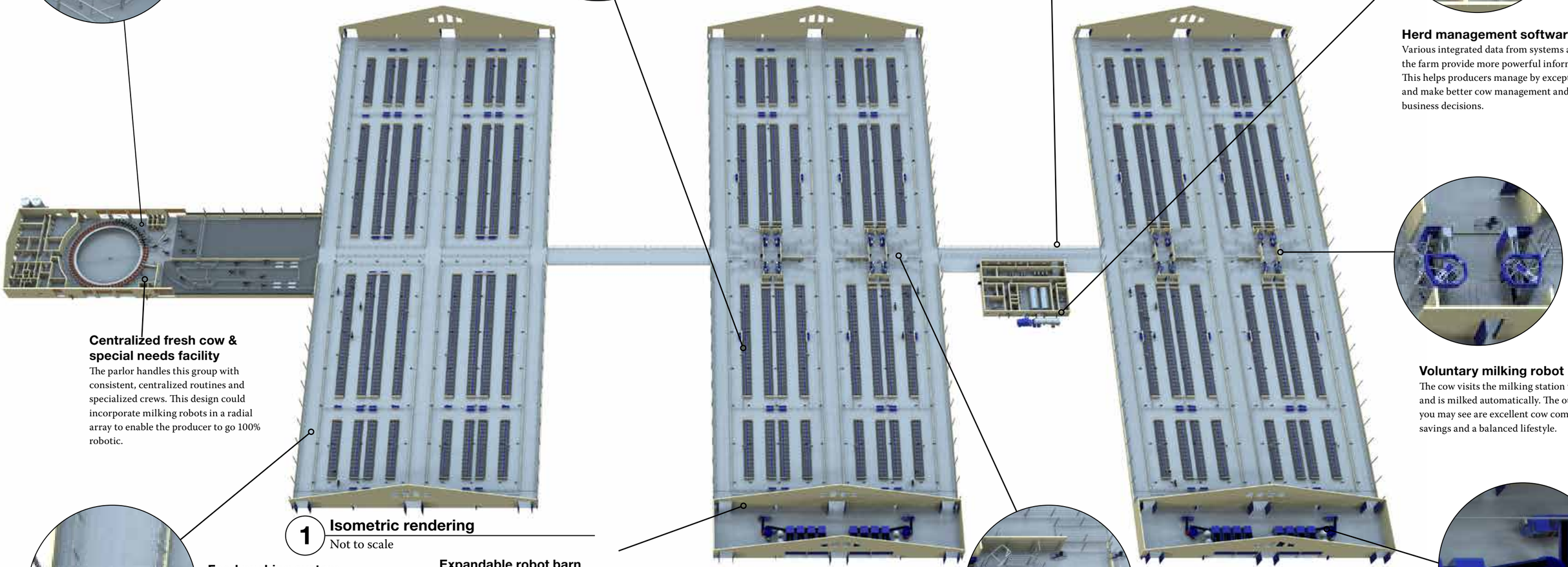
As animal welfare continues to appear in the spotlight, cow brushes augment what a producer is already doing. They also help with heat abatement for warmer climates. As material and debris build on the cow, sprinkler systems can compact it and make heat stress worse. A brush helps remove this material and enables the sprinkler to work more efficiently.

Cow monitoring system

Reproductive success is a top priority on every dairy. However, finding the time to monitor each cow is a struggle. A monitoring system not only checks the main parameters for reproduction, but also udder health, metabolic disorders and feeding concerns.

Herd management software

Various integrated data from systems across the farm provide more powerful information. This helps producers manage by exception and make better cow management and farm business decisions.



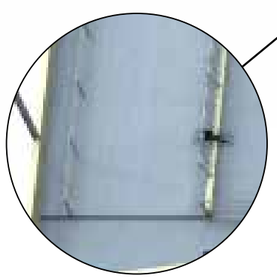
Voluntary milking robot

The cow visits the milking station voluntarily and is milked automatically. The outcomes you may see are excellent cow comfort, labor savings and a balanced lifestyle.

Centralized fresh cow & special needs facility

The parlor handles this group with consistent, centralized routines and specialized crews. This design could incorporate milking robots in a radial array to enable the producer to go 100% robotic.

1 **Isometric rendering**
Not to scale



Feed pushing system

Automatic feed pushers help reduce labor and ensure ration consistency. Frequent feed manipulation helps increase dry matter intake, reduce metabolic disease, and ensure all cows in the herd receive a consistent mix. In robotic facilities, automatic feed pushers are critical to maximize cow flow through the robot.

Expandable robot barn

2 x 8: 16 Milking robot barn, with capacity to milk close to 1,000 cows 24/7, 3X per day. Traditionally considered a solution for smaller herds, integrated robot milking and its link to feeding, milk quality monitoring and herd management data has made it attractive for larger dairies.

Flexible cow traffic

Free-flow robotic milking lets cows choose when they eat, lay down and get milked. There are, however, more controlled layouts with guided traffic. The important thing to note is designing your barn with flexibility in mind so the dairy can easily adapt to future conditions.

Automatic feeding system

Precise feeding with greater frequency and more schedule flexibility can help lead to improved cow flow in robotic dairies and rumen performance overall.