

# Barn Layouts for automatic feeding



*Explore the possibilities.*



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## *Automatic feeding pays back.*

With the Lely Vector automatic feeding system, cattle are precision fed with an optimal blend of ingredients for each group of animals, defined by the producer. More frequent feeding is not about regular feeding at fixed times but providing feed at the right time based on established eating rates, ensuring there is never too much or too little feed at the fence. Feeding more frequently also stimulates dry matter intake benefiting animal health, fertility, and production. Additionally, eating several times a day keeps the pH value of the rumen constant, allowing cattle to make better use of the ration they eat. With fresh feed always at the fence, cattle can eat any time of the day or night, reducing competition between animals. Automating feeding frees the producer from repetitive daily tasks, saving up to 8 hours per week. With the Lely Vector, feed efficiency and yields increase while fuel and other costs decrease.

Whether adding automatic feeding to your operation through a retrofit or new construction, Lely is excited to design an optimal solution for each operation. The Lely Vector offers unprecedented flexibility, allowing automation to be implemented with any feeding strategy. Take a look at the layouts and see how automatic feeding can be implemented in your operation.

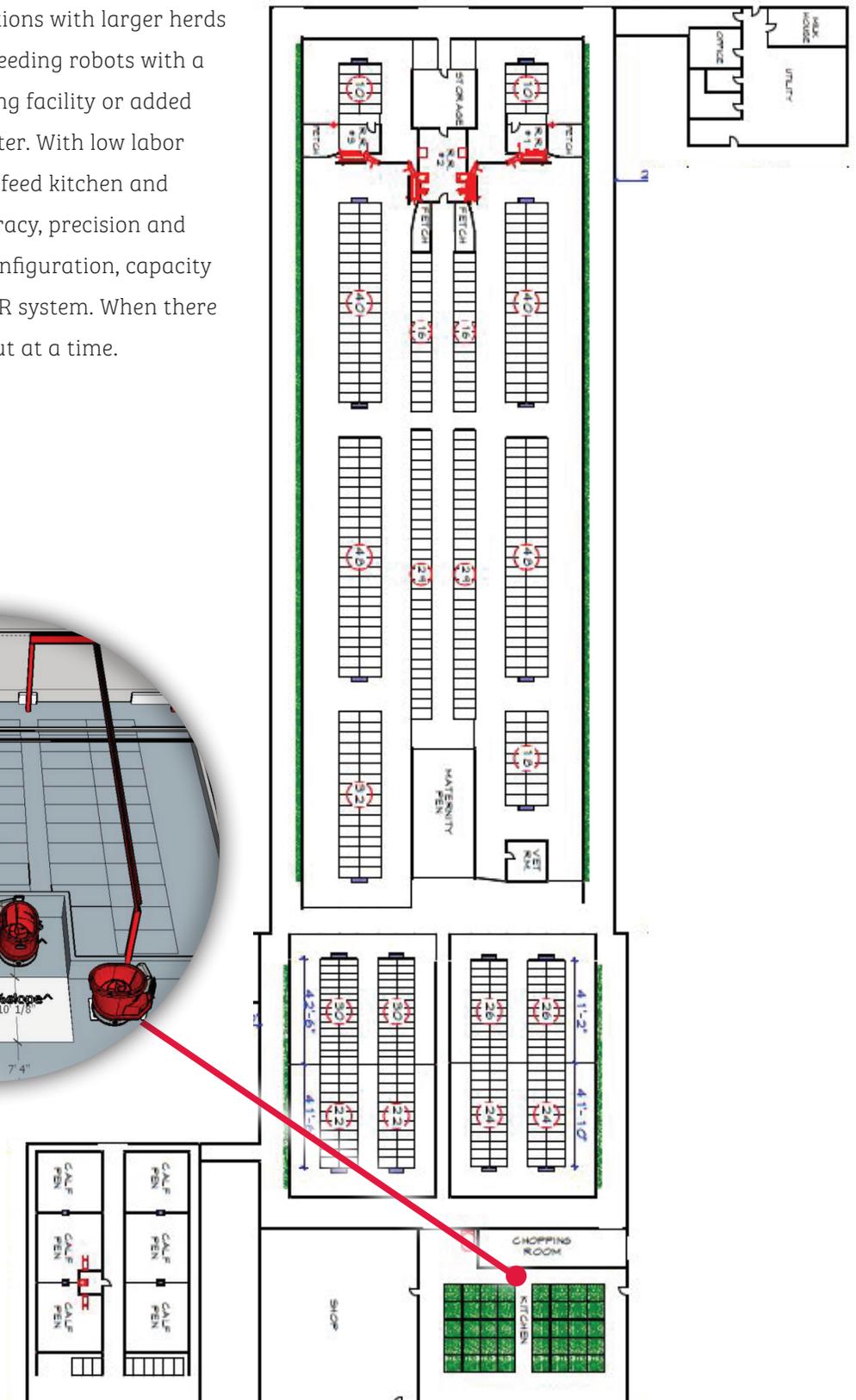
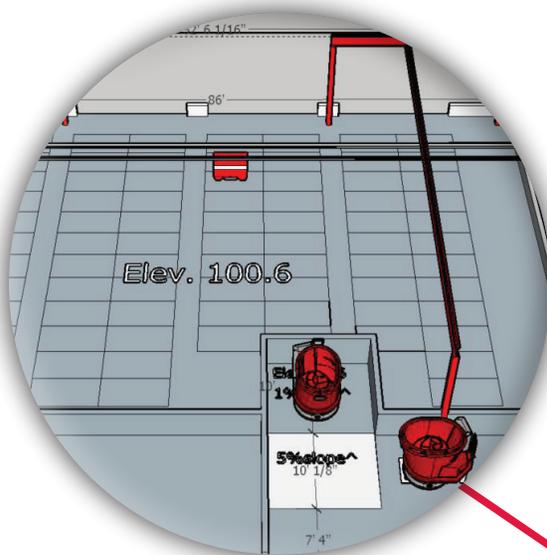
- One MFR and Kitchen
- Two MFR's and Kitchen
- Four MFR's and Two Kitchens
- Hybrid Kitchen with MFR's
- Tower Silo Feeding





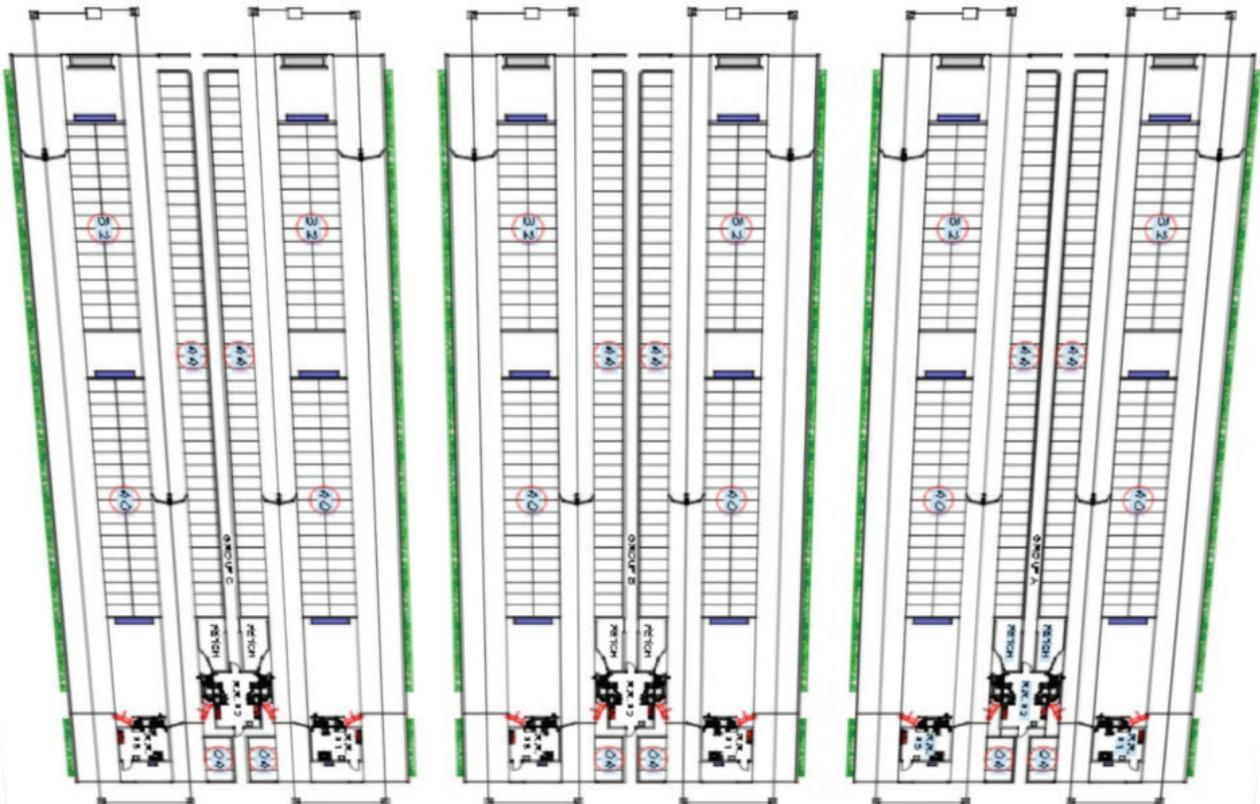
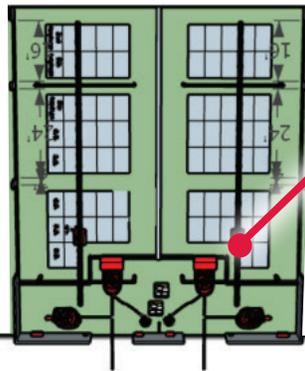
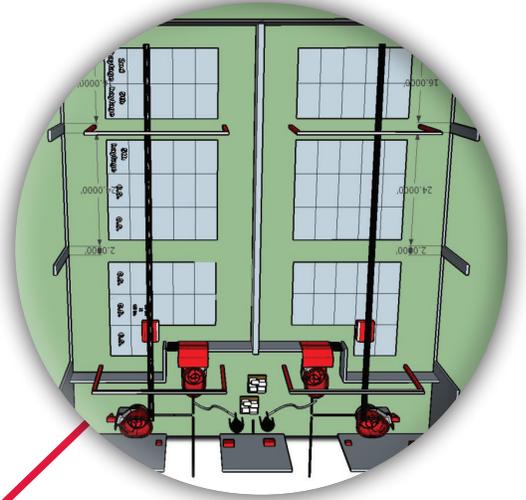
# Two MFR's and Kitchen

This configuration is ideal for operations with larger herds or adjacent barns. Two mixing and feeding robots with a kitchen can be retrofit into an existing facility or added to a new facility with a new feed center. With low labor and maintenance requirements, the feed kitchen and grabber provide a high level of accuracy, precision and flexibility with ingredients. In this configuration, capacity is increased by 50% over a single MFR system. When there are two MFR's, only one of them is out at a time.



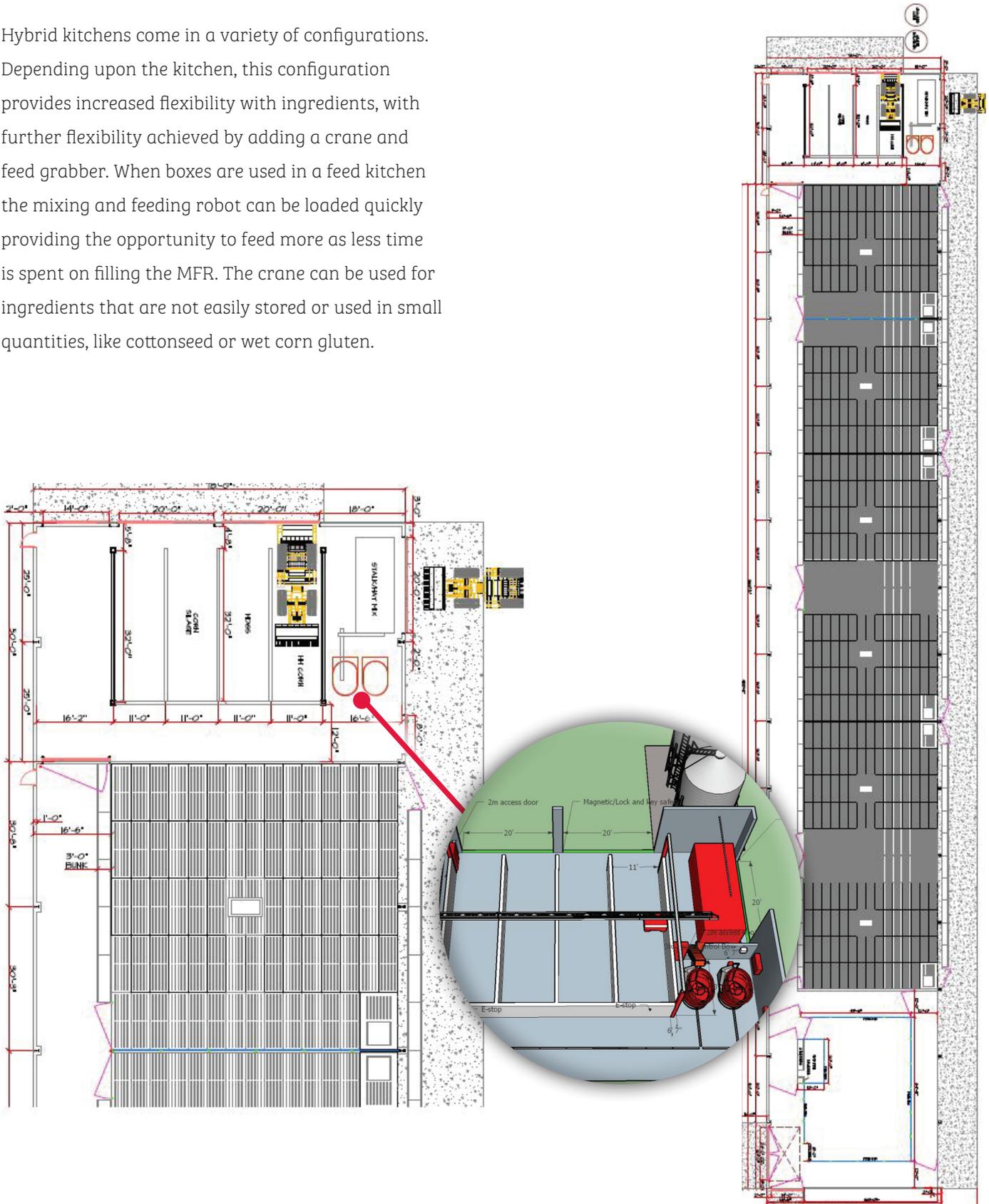
# Four MFR's and Two Kitchens

For larger farms desiring maximum flexibility and the benefits of automatic feeding, four mixing and feeding robots with two kitchens is an ideal solution. With low labor and maintenance requirements, the feed kitchen and grabber provide a high level of accuracy, precision and flexibility with ingredients. This design is modular and can be adapted to work with our XL producers and their larger herds.



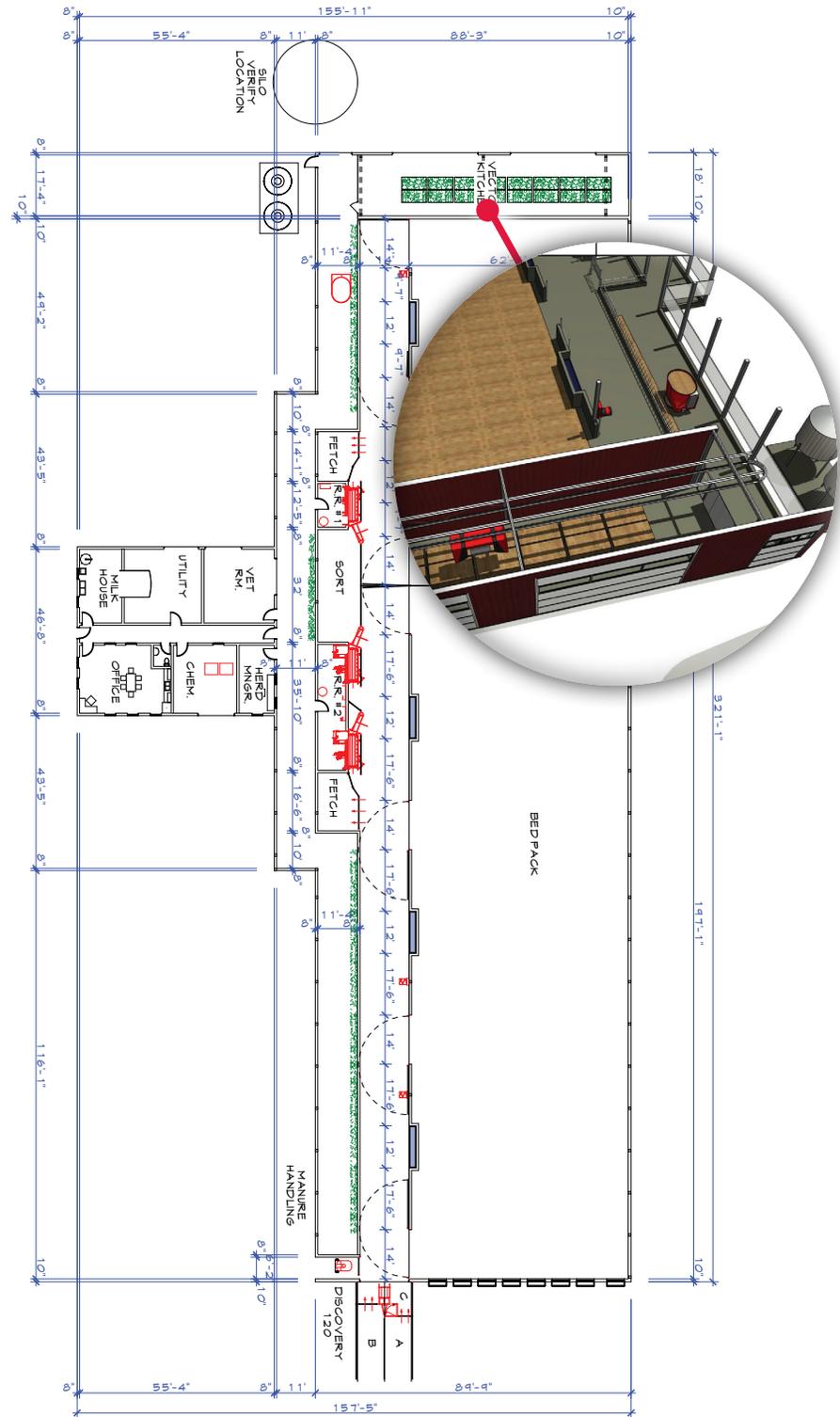
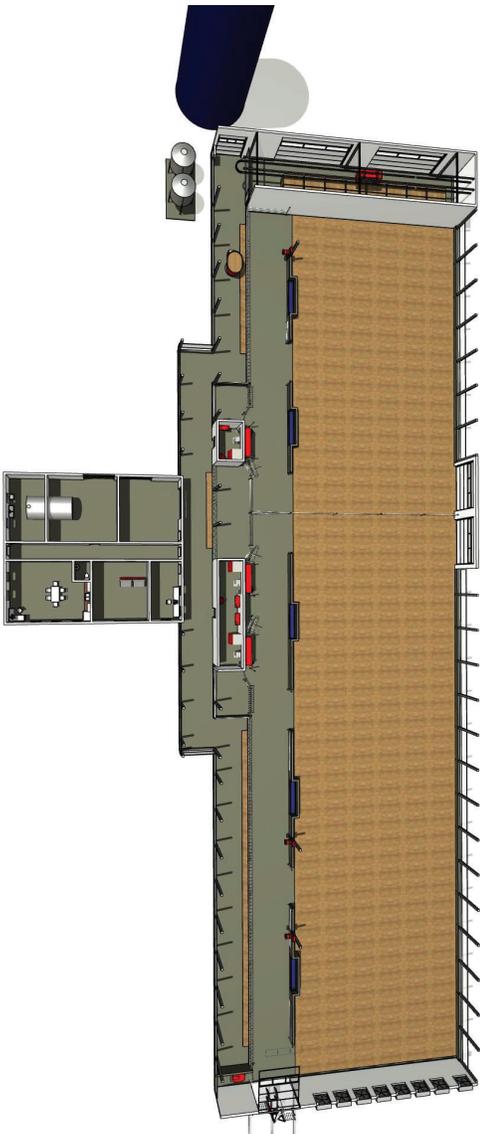
# Hybrid Kitchen with MFR's

Hybrid kitchens come in a variety of configurations. Depending upon the kitchen, this configuration provides increased flexibility with ingredients, with further flexibility achieved by adding a crane and feed grabber. When boxes are used in a feed kitchen the mixing and feeding robot can be loaded quickly providing the opportunity to feed more as less time is spent on filling the MFR. The crane can be used for ingredients that are not easily stored or used in small quantities, like cottonseed or wet corn gluten.



# Tower Silo Feeding

The Lely Vector automatic feeding system has the flexibility to be retrofit to a tower silo feeding system. In this configuration, the mixing and feeding robot can be loaded quickly with ingredients providing the potential to feed more as less time is spent on filling the MFR. Using an MFR with tower silos requires minimal labor and has a low operating cost. A farm with tower silos can also combine a crane or box if needed to increase the flexibility and functionality of available feed.



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