

Electronic Sow Feeding System

PigTek's MANNEBECK™ Animal Control (MAC) INTEC System is one of the most advanced electronic sow feeding systems available. Designed around sow behavior and best management practices, the MAC INTEC System offers advantages to small sow operations as well as to larger sow complexes.

Product Features and Advantages

- Sows stay in better condition through individualized feeding in an open pen environment.
- Improved sow management provided by individual animal identification.
- Computer-controlled feeding supported by a history of feeding and performance data.
- Feed up to three types of feed using up to 20 different feed curves.
- Special training mode permits gilts to learn and adapt themselves to the feeding station without stress.
- Flexible layouts for new construction and existing facilities requiring open pen retrofits.

Sows on the MAC INTEC System:

- Achieve better condition for higher piglet birth weights.
- Are more content and can eat meals on their own schedule.
- Are protected from other sows by the feeding station's enclosed sidewalls so they can eat in privacy and do not have to compete for the feed.
- Get the correct amount of feed to help them stay healthier and in better condition.
- Can be automatically sorted based on selection data chosen by the producer (anticipated farrowing date, day of the week, etc.).



Multi-functional
MILAN NOMAD
pocket computer



The MAC INTEC Feed Station
Controller allows pig producers
to directly access all feed station
functions through the simple-to-
operate visual interface.

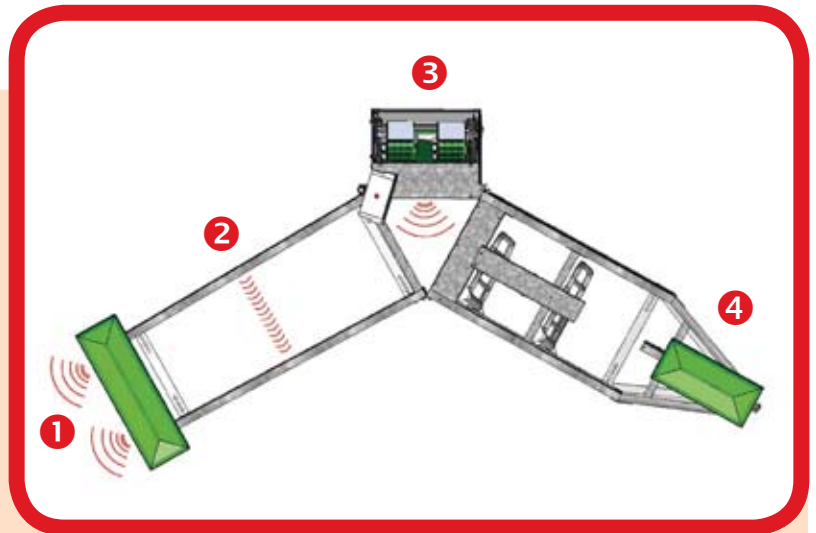
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Feed Your Sows Using the MANNEBECK™ ESF System

PigTek's MANNEBECK™ Animal Control (MAC) INTEC Electronic Sow Feeding System's functionality is designed based on sow behavior and best management practices.

- 1 As a hungry sow approaches the closed doors of the feeding station, the computer identifies her through the electronic transponder attached to her ear.
 - If the sow has not already been fed, the computer opens the double-door entrance of the feed station to admit her.
 - The double doors are pneumatically operated and adjustable in closing speed and power. The door does not roll across the sow's belly.
 - A return barrier and rapid door closure keep any following sows out of the unit.
- 2 As the sow approaches the feed trough inside the feeding station, the computer again identifies her before starting to dispense any feed.
- 3 After the computer has finished dispensing her daily amount of feed, the sow eats and then exits the feeding station.
- 4 As the sow exits the feeding system:
 - The sort gate can be used to sort her into a different stall area if desired.
 - The double exit sensor technology reliably confirms whether the sow has actually left the feed station or has backed up to the feed trough.



Multi-Functional MILAN NOMAD Pocket Computer



Complementing the MAC INTEC Electronic Sow Feeding System is the multi-functional MILAN NOMAD pocket computer. This optional hand-held Windows®-based computer unit offers:

- Data access and exchange with the farm's main computer server system through wireless network access points in the barn.
- Real-time data display from the server with the ability to modify data from the pen.
- Radio frequency identification (RFID) reader to help producers walking in the barn to identify individual sows by their electronic ear tags.
- The ability to work with more than one hand-held unit on a farm. For example, use one unit for farrowing, one for gestation and one for breeding areas.

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