

New!



Auto-Feed System™



AUTO-FEED SYSTEM

- Controls the throttle, ground speed and all RDB functions
- Produces more consistent feeding down the bunk
- Provides better control of call weights



Developed with cooperation from Micro Technologies®

Auto-Feed System™



The Auto-Feed System works in conjunction with the Ration Delivery Box and Micro Technologies® Accu-Trac.

Once the truck has arrived at the correct pen, the driver will lock the transmission into 1st gear, make sure the Auto/Manual switch on the Auto-Feed control is set to Auto and turn on the PTO. The floor interrupt control must also be turned on. You are now ready to feed. Pressing the Feed Pen icon on the Micro Technologies tablet will initiate the Auto-Feed system. Pressing start on the Auto-Feed control box will energize the system. The driver will continue to use the

brake to hold the truck at the start of the bunk. As the system starts its sequence of operations, the spout will open followed by the door opening to a preset height. The engine RPMs will elevate slightly and the conveyor will begin to discharge feed. As soon as the driver can see feed falling into the bunk, they will slowly release the brake and allow the truck to accelerate to a predetermined speed. At this point, the driver is only steering the truck. The Auto-Feed system will continually adjust the discharge rate



- The Roto-Mix RDB Load Sense Hydraulic system produces maximum flow and pressure at approximately 1100 engine RPMs. Lower engine RPMs and ground speed reduces fuel consumption, chassis wear and overall maintenance.
- Auto-Feed System is constantly learning and adjusting the feed rate for different rations based on the call weight and delivered rate.
- Capable of feeding partial sections of bunk to accommodate lower head counts in large pens with input from Micro Technologies' system.
- Telematics is standard with your monthly subscription which allows remote access by Roto-Mix personnel to diagnose issues, change settings or update software as needed.

in relation to the bunk length and desired call weight. When the truck nears the end of the bunk, the driver will need to gently apply brake pressure to stop the truck at the end of the bunk. The Auto-Feed system will stop discharging feed when the call weight is reached. Pressing Done on the Micro Technologies tablet will record the delivered weight. You are now ready to proceed to the next pen and repeat the process. At each pen the Auto-Feed system will attempt to open the spout but it will not change the door height after the first pen.

When the last pen has been fed, the driver will switch the Auto-Feed system to manual mode and reverse the floor so the RDB is ready for the next load of feed.

While you are feeding with the Auto-Feed system, the driver will still have manual control of the spout and discharge door to make adjustments if necessary. When feeding hospital pens or very small amounts of feed, a simple changing of the Auto/Manual switch to Manual will allow the driver to have complete control of all functions on the RDB control panel.

Ask for a demonstration

Patent Pending



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