



Grow-Disk

Offering the most flexible range of feeding systems available.

GrowerSELECT HOGSLAT **GROW-DISK™**

Flexible Feeding

Offering the capability to feed multiple farrowing rooms or rows of gestation stalls with a single system.

Flexible Pig Management

Since the system isn't controlled by a switch in the end feeder, pigs can be sorted out of any pen without affecting it's operation.

Fewer Motors

In many layouts, a Grow-Disk system will only require two motors instead of four. All motors can be located by electrical service entrance, reducing wiring and electrical costs.



It Starts With A Superior Chain



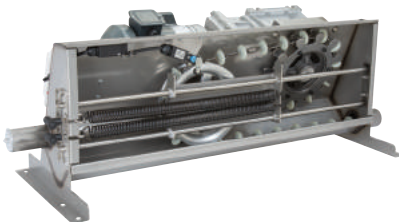
Composed of hardened steel and nylon disks, Grow-Disk's multidirectional superior chain eliminates the need for frequent tightening adjustment, allows for easy installation, and will provide years of lasting service.

Durable Corner Wheel



The heavy duty cast iron wheel turns on a stainless steel axel and a low friction, encapsulated ball bearing. The gentle feed conveying method of the wheel results in less pellet damage compared to flex auger systems. Grow-Disk offers durability and performance to chain feeding; you simply can't buy a better corner wheel.

Stainless Steel Drive Unit

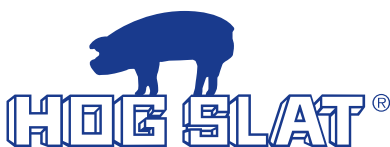


Constructed of 304 stainless steel with a high efficiency 1-1/2 HP motor. Steel sprocket wheels with two safety switches, one each on the chain tensioner and access cover. Features a wider slide carriage that will allow satisfactory operation in longer systems and captive latches on the front cover. Connects seamless with the steel fill hopper.

Grow-Disk Pipe



18 ga. Galvanized feed tube eliminates installation problems associated with PVC pipe systems. 20' long steel sections do not sag, reducing low spots in the system that cause premature wear on disks. Tube has OD of 2.36 inches. 35% heavier coupler with extra length and four bolts for a secure connection.



GrowerSELECT™ HOG SLAT™

GROW-DISK™

HSCD200 Grow-Disk Controller



7" Full color touchscreen display interface allows monitoring of controller status at a glance and simple on screen programming

Standalone control unit that services both Finisher and Sow Farm applications.

- ICON menu for easy program/navigation
- Manual or automatic operation
- Continuous Feeding or up to four Timed Feeding schedules each up to 12 cycles per day
- One touch language selection
- Daily feed cycles times, cycle count, and faults are stored for up to 60 days
- FEED NOW option in TIMED FEEDING mode allows for system fill immediately without having to switch to manual mode

Features:

- Current sensor input for overload protection on feeding system.
- Custom portable interface for uploads and downloads of programs.
- USB port allows user to save/import and export settings and history.
- Maximum fill time monitored.
- Chain Disk motor output
- Auger motor output
- Alarm output

Allows for Multiple Feeding Options

Continuous Feeding

A proximity switch detects feed in the last drop tube or at the end of the feed line. Features feed delay to allow animals to eat before the next cycle.

Timed Feeding

User can define up to 12 feed cycle start and dump times over the course of a day. Up to 4 different profiles can be created.

Optional Feed Dump Output

Feed dump mechanism can be configured for actuator or electric valve operation, set to dump feed at a specific time of day. Optional input for security switch to ensure dumps are closed before starting feed cycle.

Manual Feeding and Dump Control

Allows users to manually start and stop a feed cycle and dumps.

Multifunction Toggle Switch Input

A toggle switch can be connected to manually stop the system and restart where it left off, or stop the system until the next cycle.

Feed Now Option

Allows user to run feed cycle immediately without waiting for next programmed feed cycle. Specifically useful following a system fault. User does not have to put system in manual mode to feed animals. Run FEED NOW and system completes cycle immediately then continues in AUTOMATIC mode.

Manual Feed Auger

Allows operation of auger only. Enabled only when controller is in MANUAL MODE. Chain disk system does not run when MANUAL FEED AUGER is active. Running of auger in manual mode allows for feed cart filling as example.

Washdown Cycle

Available only when controller is in MANUAL MODE. This function is used when building is being washed. In order to keep interior of corners and pipe dry and not allow feed to cake due to moisture intrusion, the WASHDOWN CYCLE will run the chain disk drive motor only for 15 minutes ON / 15 minutes OFF for 4 hours to help keep corners, pipe and other parts free of accumulated water. FAULTS for chain drive system are still monitored during this cycle

