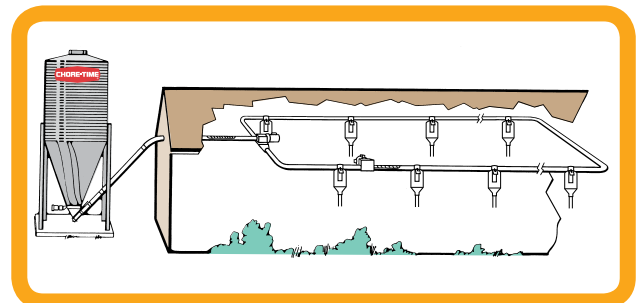


Closed Loop Auger System



The CHORE-TIME® MULTIFLO® Feed Delivery System has a reputation for gentle handling of feed and feed pellets for sow gestation, farrowing and nursery units. This innovative closed-loop coreless auger system uses the same long-lasting high-tensile strength steel auger as the famous CHORE-TIME® FLEX-AUGER® Conveying System. However, instead of rotating the auger, the MULTIFLO System simply slides the auger within the tube. Reliable and simple to manage, the MULTIFLO System also eliminates corner wheels and high-maintenance parts some other recirculating systems may require.



MULTIFLO® Feed Delivery System for farrowing or gestation.

Product Features and Advantages

- Choose from three MULTIFLO® Systems:
 - Standard MULTIFLO System for pig and other layouts requiring closed-loop feed delivery systems with multiple corners.
 - High-Speed MULTIFLO System for delivering up to 50 pounds [20 kg.] of feed per minute.
 - Tight-Radius MULTIFLO System for use in farrowing rooms and other tight spaces where sharp 180-degree turns are desired for standard 36-inch [914-mm] wide aisles.
- Designed to accurately distribute feed and to help contribute to optimum conversion.
- Reliable, long-lasting, closed-loop steel auger system carries a limited 1-year warranty on the elbows and auger. [See the full written warranty from PigTek for complete details.]
- Auger tube elbows are pre-formed for added durability in making turns.
- Easy-to-use auger connector makes quick work of installing the auger loop.
- The energy-efficient direct drive power unit attaches to any straight section of auger tubing.



MULTIFLO® Drive Gear



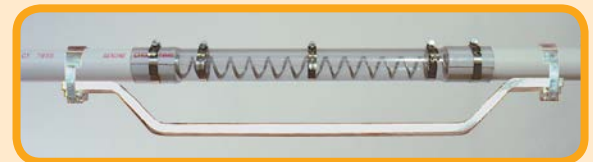
CHORE-TIME® DOSFLOW™ Sow Feed Dispenser



Feed Level Control



CHORE-TIME® Portion Control Feeder



MULTIFLO® Inspection Window

MULTIFLO® System Specifications

Feed Delivery System	Tube Outside Diameter	Corner Radius	Maximum Length	Motor Size Recommended at Maximum Length	Feed Delivery Rate	Typical Applications
	inch/mm	inch/mm	feet/meters	HP	lb/min.-kg/min.	
Standard Model	2.25 in. 55 mm	24 in. 610 mm	1080 ft. 330 m [with 4 elbows]	[3] 1/2	15-20 lbs. 7-9 kg	Multiple corners for pig or other operations
Tight-Radius Model	2.25 in. 55 mm	180° turn 39 in. 990 mm (loop width)	1080 ft. 330 m [with 2 elbows]	[3] 1/2	15-20 lbs. 7-9 kg	Sharp, 180° turns for pig farrowing rooms with 36-in. [914-mm] wide aisles
High-Speed Model	2.25 in. 55 mm	24 in. 610 mm	1080 ft. 330 m [with 4 elbows]	[3] 3/4	50 lbs. 20 kg	Multiple corners, high feed volume for pig or other operations

Feed delivery rate is calculated at a standard of 40 pounds of feed per cubic foot [640 kilograms per cubic meter] at 348 RPM.

For the distributor nearest you, call the PigTek Customer Service Department at 800-341-1039 or use the Distributor Finder on www.PigTekAmericas.com.



PigTek Americas

A Division of CTB, Inc., A Berkshire Hathaway Company
 Milford, IN USA
 Call 800.341.1039 or +1 574.658.5000
PigTekAmericas.com
info@PigTek.net

Soluciones de Conversión

Sistemas de transporte de alimento FLEX-AUGER®

CHORE-TIME®

Nuestra historia de innovación incluye el invento del sistema de transporte de alimento con sinfín sin centro FLEX-AUGER® de CHORE-TIME® en 1961. Desde entonces, el sistema FLEX-AUGER® ha resultado ser el mejor y más confiable sistema jamás diseñado para el transporte de alimento.



Características y ventajas del producto

- Ayuda a optimizar la conversión de alimento manteniendo fresco el alimento y reduciendo los desechos.
- Elección de velocidades de transporte para una amplia variedad de aplicaciones de alimentación.
- El sistema completamente cerrado distribuye el alimento de manera precisa y económica.
- Distribuye el alimento hacia arriba, abajo, al nivel y alrededor de las esquinas.
- Bajos requisitos de energía y bajos costos de mantenimiento.
- El sistema se instala fácilmente en un espacio mínimo.
- Diseñado para consumir muy poca energía, ser duradero y funcionar sin problemas.
- Garantía prorrateada de 10 años. (Consulte la garantía escrita de PigTek para obtener los detalles completos.)
- Controles y balanzas automáticos también disponibles.

Especificaciones del sistema FLEX-AUGER®



	Modelo 55	Modelo 75	Modelo HMC	Modelo 90 (estándar)	Modelo 90 (alta velocidad)	Modelo 108 (estándar)
Velocidad de transporte de alimento por minuto*	7 kg (15 lb)	20 kg (50 lb)	20 kg (50 lb)	45 kg (100 lb)	55 kg (120 lb)	100 kg (220 lb)
Unidad de energía RPM	348	348	348	348	425 (60 Hz solamente)	348
Diámetro externo del tubo	55 mm (2,25 pulg.)	75 mm (3 pulg.)	90 mm (3,5 pulg.)	90 mm (3,5 pulg.)	90 mm (3,5 pulg.)	Acero - 108 mm (4,25 pulg.) PVC - 115 mm (4,5 pulg.)
Radio de la esquina	1,5 metros (5 pies)	1,5 metros (5 pies)	1,5 metros (5 pies)	1,5 metros (5 pies)	1,5 metros (5 pies)	1,5 metros (5 pies)
Motor recomendado al largo máximo	1/2 HP	1 HP	1 HP	1 HP	1 HP	1,5 HP
Largo máximo	75 m (250 pies)	60 m (200 pies)	45 m (150 pies)	45 m (150 pies)	35 m (120 pies)	45 m (150 pies)
Extensión estándar**	85 m (285 pies)	75 m (245 pies)	55 m (185 pies)	55 m (185 pies)	45 m (150 pies)	55 m (185 pies)
Aplicaciones comunes	Usos de bajo volumen como comederos para maternidades o de descarga para cerdas	Criaderos para recría y engorde de cerdos o producción de pollos de engorde o pavos	Alimentación de vacas lecheras o alimentos de partículas grandes	Criaderos grandes para cerdos o galpones para pollos de engorde, reproductoras, pavos o ponedoras	Criaderos grandes para cerdos o galpones para pollos de engorde, reproductoras, pavos o ponedoras	Llenado de silos, molinos móviles o estacionarios para pienso, galpones para pollos de engorde, reproductoras o ponedoras

*La velocidad de transporte de alimento se calcula al estándar de 640 kilogramos por metro cúbico (40 libras por pie cúbico).

**Las extensiones estándar usan la bota de extensión en el extremo del motor del primer sinfín, además de un tubo adicional, sinfín y motor.

NOTA: Donde se requiere el almacenamiento adicional de alimento o doble ración, utilice el sistema en tándem de trayectoria recta de Chore-Time o sistema en tándem con dos motores a 30 grados. Los sistemas en tándem están disponibles para los modelos 75, 90, HMC y 108. Para cada sistema en tándem de trayectoria recta (modelo 75, HMC, 90 y 108), el largo máximo de línea para cada unidad de energía disminuye en 15 m (50 pies). Para los sistemas modelo 90 de tres silos y trayectoria recta, el largo de la línea también se debe disminuir en 15 m (50 pies). También está disponible el modelo 108 de alta velocidad de FLEX-AUGER®.

Soluciones de Conversión

Accesorios del sistema FLEX-AUGER®

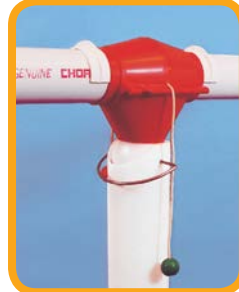
Los componentes del sistema FLEX-AUGER® están diseñados para la conveniencia y larga vida útil.



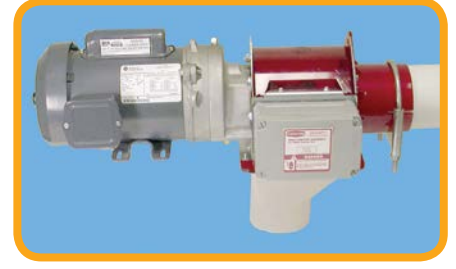
Los codos esquineros proporcionan un área de desgaste más duradera.



Las transiciones de las botas de policarbonato ofrecen fácil visibilidad del alimento.



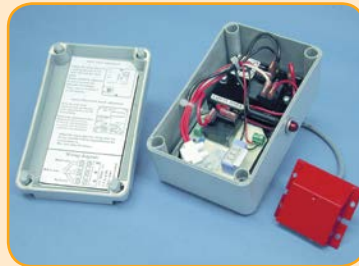
La descarga de salida consiste en 3 piezas que encajan juntas. No se requieren sujetadores.



La unidad de energía tiene un cabezal de engranajes único y comprobado. La unidad de control incluye el cuerpo traslúcido de policarbonato rojo y el embudo de salida lateral de polipropileno casi transparente.

Interruptores del sistema

Los interruptores CHORE-TIME® ayudan a los productores de cerdos a automatizar y controlar sus sistemas de transporte de alimento. Todos los interruptores CHORE-TIME han sido diseñados para ser precisos, confiables y fáciles de utilizar.



Los interruptores electrónicos SENSOR PLUS™ son sensores de proximidad sin componentes mecánicos acoplados con relés de conmutación para el uso con comederos o líneas para transporte de alimento.

Los interruptores para tubo de descarga SENSOR PLUS de CHORE-TIME® incluyen una innovadora unidad de calefacción para reducir los efectos de la humedad, temperatura y variaciones en la consistencia del alimento.



Los modelos de interruptores SENSOR PLUS incluyen un temporizador de seguridad para el sinfín para apagar el sistema del sinfín si el tiempo de operación excede el tiempo establecido.



Los accionadores deslizables de la bota del silo de alimento y la balanza para alimento facilitan el manejo del silo

El sistema avanzado de manejo de alimento CHORE-TIME® ayuda a controlar sus necesidades de almacenamiento de alimento para que los animales no falten ninguna alimentación.



La balanza para alimento CHORE-TIME® ayuda a programar el transporte de alimento y proporciona datos en tiempo real sobre el inventario de alimento.



El accionador de deslizamiento de la bota ayuda a los productores a abrir y cerrar fácilmente el deslizador de la bota del silo de alimento utilizando un mango telescópico y una compuerta con piñón y cremallera fácil de usar. Están disponibles las versiones con una o dos [versión mostrada] botas.



PIG EQUIPMENT GROUP

PigTek Americas

Una división de CTB, Inc., Una empresa de Berkshire Hathaway
Milford, IN EE.UU.
Llame al +1 574.658.5000
PigTekAmericas.com
info@PigTek.net

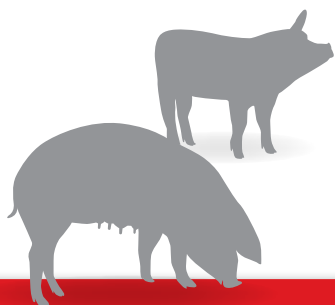
CHORE-TIME[®]



FLEX-AUGER[®]

FEED DELIVERY SYSTEMS

- › Proven centerless auger concept invented by Chore-Time
- › Nearly 60 years of reliable performance and improvements
- › Keeps feed fresh
- › Energy-efficient operation
- › Developed and designed specifically for hog house environments



FLEX-AUGER®

FEED DELIVERY SYSTEMS

It is hard to imagine a modern hog production facility without a centerless, flexible auger for the feeder fill system. FLEX-AUGER® Coreless Auger Feed Delivery System was invented by Chore-Time in 1961. In the years since then, Chore-Time's FLEX-AUGER System has proven to be the most reliable and best system ever devised to deliver feed. While it has been often imitated, the FLEX-AUGER System with all of its benefits has never been equaled!

The reliable original – often imitated, but never equaled

Highly energy-efficient, extremely long-wearing and trouble-free – that's how Chore-Time's FLEX-AUGER® Systems are known around the world.

- > Helps optimize feed conversion by keeping feed fresh and reducing waste.
- > Choice of conveying rates for a variety of feed applications.
- > Fully enclosed system distributes feed accurately and economically while also reducing feed dust.
- > Helps to keep feed free of insect and rodent contamination.
- > Moves feed up, down, on-the-level, or around corners.
- > Low power requirements and low maintenance costs.
- > System is easily installed in minimal space.
- > Automatic controls and scales are also available.



CURVED PVC ELBOWS

- > Auger rotates in a tube made from specially-formulated ultra-violet-resistant PVC with high impact rating and abrasion-resistant qualities for longer life.
- > Wear-resistant elbows for the Chore-Time FLEX-AUGER System feature 50% thicker walls at the bottom of the curved tubing to provide a longer-lasting wear area.



POWER & CONTROL UNITS



FIVE FLEX-AUGER® MODELS

- > Capacities for Chore-Time's five FLEX-AUGER® System models range from 15 to 250 pounds (7 to 113 kg) per minute.
- > Spring-like auger is custom manufactured from high-yield strength steel for exceptional durability plus the proper hardness for optimal wear resistance.
- > Chore-Time's auger wire is flattened prior to hardening and then precisely shaped to provide its legendary feed-moving qualities.
- > Low power requirements and low maintenance costs.



TRANSITIONS AND BOOTS



- > Bin transitions are available in either translucent red or clear polycarbonate. Both are designed to promote even feed flow and offer the ability to visually inspect the feed flow to the bin's boot and auger system.
- > Transitions are made from polycarbonate with ultraviolet inhibitors and impact modifiers included to enhance durability.
- > Configurations available for transitions include straight-through, 30° incline, single and double models for outstanding versatility.
- > Metal boot features baffles and restrictions and a rounded bottom to better fit the auger and enhance feed flow.
- > Bin boot baffles work to promote an even mass flow of feed out of the bin for providing first-in, first-out performance.
- > The included boot cannon ball helps to optimize the auger system's delivery capacity by preventing feed bridging and feed overfilling the boot.

- > Power unit features a direct-drive gearhead with a compact, proven design unique to Chore-Time.
- > Custom gear design is precision manufactured using premium gear and shafting materials.
- > Capable of up to nine gearhead speeds.
- > The control unit includes a red translucent polycarbonate body and a nearly clear, side-draw polypropylene funnel.
- > Control unit is sealed to keep water from entering and feed dust from escaping.
- > Over-sized outlet helps to prevent feed bridging.

FLEX-AUGER®

ACCESSORIES



FEED CONVEYING SCALE

- > Chore-Time's Feed Scale is an in-line scale accurately capturing daily feed consumption rates to help you evaluate hog growth performance as well as identify potential herd problems.
- > Unique pivoting, split hopper dumps feed from one side while the other side fills to provide a continuous flow of feed to your pigs.
- > Use real-time data to monitor feed inventory levels and do timely scheduling of feed deliveries.



OUTLET DROP

- > Plastic outlet drop is easy to install where needed in the FLEX-AUGER System with several mounting options.
- > Simple shutoff features visual indicator for whether the drop is open or closed and can be operated from floor level using the cord provided.
- > Flexible and rigid drop tubes are available.



FEED EXTENSION BOOT

- > Chore-Time's Feed Extension Boot replaces the control unit to extend the overall length of the feed conveying system.
- > Designed as one-piece hopper/boot unit to remain an enclosed feed delivery system.



AUGER RUN TIMER

- > Maximum run timer acts as both time delay and safety timer to shut down the auger system if it is operating longer than the programmed run time.
- > The timer prevents the system from running empty for long periods of time.
- > For added protection, the system requires a manual re-set after activation.



AGRI-TIME® TIME CLOCK

- > Chore-Time's AGRI-TIME® Time Clock offers a variety of accurate, reliable, easy-to-use controls from more advanced multi-function units to basic, single-function controls.
- > This 4-channel time clock can control up to eight events with a start time and a run time for each.



BOOT SLIDE ACTUATORS

- > Choice of manual and automatic actuators for simple, trouble-free operation of the bin boot's shut-off slide.
- > Automatic boot slide actuator helps manage feed inventories to automatically switch bins to prevent feed systems from running empty and pigs running out of feed.
- > If both bins are empty or if there is a feed flow problem, the automatic actuator turns the feed delivery system off and issues an alert.



SENSOR PLUS™ SWITCHES

- > The Chore-Time SENSOR PLUS™ hopper level control and drop tube switches help to maintain the desired feed levels for a continuous feed supply.
- > Both include a heater for greater switch reliability and adjust automatically to changes in feed type.
- > These electronic switches are non-mechanical proximity sensors paired with switching relays for use with feeders or feed conveying lines. A built-in programmable delay prevents short-cycling of the feed conveying system.

FLEX-AUGER®

CAPACITIES & WARRANTY



Choice of conveying rates

New construction or old, Chore-Time's FLEX-AUGER® System easily adapts to provide a streamlined management tool for saving feed and labor. Chore-Time's FLEX-AUGER System offers a choice of conveying rates for a wide variety of feeding applications.

FLEX-AUGER® System Specifications

	Model 55	Model 75	Model HMC	Model 90 (Standard)	Model 90 (High Speed)	Model 108 (Standard)	Model 108 (High Speed)
Feed Delivery Rate per Minute*	15 pounds (7 kg)	50 pounds (20 kg)	50 pounds (20 kg)	100 pounds (45 kg)	120 pounds (55 kg)	220 pounds (100 kg)	250 pounds (113 kg)
Power Unit RPM	348	348	348	348	425 (60 Hz only)	348	425 (60 Hz only)
Outside Diameter of Tube	2.2 inches (56 mm)	3 inches (75 mm)	3.5 inches (90 mm)	3.5 inches (90 mm)	3.5 inches (90 mm)	Steel – 4.25 inches (108 mm) PVC – 4.5 inches (115 mm)	Steel – 4.25 inches (108 mm) PVC – 4.5 inches (115 mm)
Corner Radius	5 feet (1.5 meters)	5 feet (1.5 meters)	5 feet (1.5 meters)	5 feet (1.5 meters)	5 feet (1.5 meters)	5 feet (1.5 meters)	5 feet (1.5 meters)
Recommended Motor at Maximum Length	1/2 HP	1 HP	1 HP	1 HP	1 HP	1.5 HP	2 HP
Maximum Length	250 feet (75 m)	200 feet (60 m)	150 feet (45 m)	150 feet (45 m)	120 feet (35 m)	150 feet (45 m)	150 feet (45 m)
Standard Extension**	285 feet (85 m)	245 feet (75 m)	185 feet (55 m)	185 feet (55 m)	150 feet (45 m)	185 feet (55 m)	185 feet (55 m)
Typical Applications	Low volume needs such as swine nursery or sow drop feeders	Pig grow and finish houses	Large particle feeds	Large pig buildings	Large pig buildings	Large volume needs	Large volume needs

*Feed delivery rate calculated at standard 40 pounds of feed per cubic foot (640 kg per cubic meter).

**Standard extensions use extension boot at motor end of first auger, plus additional tube, auger and motor.

NOTE: Where extra feed storage or dual rations are required, use Chore-Time's straight-through tandem system, or 30-degree two-motor tandem system. Tandem systems are available for Models 75, 90, HMC, and 108. For each straight-through tandem system (Model 75, HMC, 90 and 108), decrease maximum line length for each power unit by 50 feet (15 m). For Model 90 three-bin, straight-through systems, line length should also be decreased by 50 feet (15 m).

10-year prorated warranty

Another long time feature of the Chore-Time FLEX-AUGER® System that hog farmers really like is the 10-year prorated warranty on the auger itself. See Chore-Time's full written warranty for complete details.

