Feed Bin Boot Slide Actuator for Straight-Out or 30-Degree Boots

Chore-Time’s Manual Boot Slide Actuator helps producers coordinate the use of feed stored in pairs of feed bins so that birds don’t miss a feeding. The actuator offers easy operation, a reliable design, and simple, trouble-free operation.

The Manual Boot Slide Actuator from Chore-Time helps producers easily open and close the feed bin boot slide without having to physically crawl under, around, or through the feed bin’s leg and hopper support bracing system.

- Telescoping handle extends from 5 to 8 feet (1.5 to 2.5 m) to allow the actuator to be operated from outside the feed bin’s leg and brace area.
- Easy-to-operate rack and pinion design quickly opens or closes boot slides in just over two turns.
- Opener can be installed for either right- or left-hand operation.
- Single and twin-boot versions available.

Manual Boot Slide Actuator (Note: Handle has been shortened for photo purposes.)
**FLEX-AUGER®** System Components and Accessories Are Designed for Convenience and Worry-Free Performance

Highly energy-efficient, extremely long-wearing and trouble-free – that’s how **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 wide variety of feeding applications.
- Fully enclosed system distributes feed accurately and economically.
- Moves feed up, down, on-the-level, or around corners.
- Low power requirements and low maintenance costs.
- System is easily installed in minimal space.
- Designed to be highly energy-efficient, long-wearing and trouble-free.
- 10-year prorated warranty. (See Chore-Time’s full written warranty for complete details.)
- Automatic controls and scales are also available.

**FLEX-AUGER®** Accessories Are Made to Work. Built to Last.

Available in five capacities, Chore-Time’s **FLEX-AUGER®** System features a high-tensile strength spring-like steel auger and specially-compounded ultraviolet- and wear-resistant PVC tubing.

Curved PVC elbows permit Chore-Time’s **FLEX-AUGER®** to move feed up, down, or around corners. Thicker PVC at the bottom of the curved tubing provides a long-lasting wear area.

30-degree upper boot transitions are also available. Upper boot transitions are available in clear or resistant PVC tubing.

**FLEX-AUGER®** System Specifications

<table>
<thead>
<tr>
<th>Model 75</th>
<th>Model HMC</th>
<th>Model 90 (Standard)</th>
<th>Model 90 (High Speed)</th>
<th>Model 90 (High Speed)</th>
<th>Model 108 (Standard)</th>
<th>Model 108 (High Speed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feed Delivery Rate per Minute*&lt;br&gt;50 pounds (20 kg)</td>
<td>50 pounds (20 kg)</td>
<td>100 pounds (45 kg)</td>
<td>120 pounds (55 kg)</td>
<td>170 pounds (75 kg)</td>
<td>220 pounds (100 kg)</td>
<td>250 pounds (110 kg)</td>
</tr>
<tr>
<td>Power Unit RPM</td>
<td>348</td>
<td>348</td>
<td>348</td>
<td>425 (60 Hz only)</td>
<td>584</td>
<td>348</td>
</tr>
<tr>
<td>Outside Diameter of Tube</td>
<td>3 inches (75 mm)</td>
<td>3.5 inches (90 mm)</td>
<td>3.5 inches (90 mm)</td>
<td>3.5 inches (90 mm)</td>
<td>Steel – 4.25 inches (108 mm) PVC – 4.5 inches (115 mm)</td>
<td>Steel – 4.25 inches (108 mm) PVC – 4.5 inches (115 mm)</td>
</tr>
<tr>
<td>Corner Radius</td>
<td>5 feet (1.5 meters)</td>
<td>5 feet (1.5 meters)</td>
<td>5 feet (1.5 meters)</td>
<td>5 feet (1.5 meters)</td>
<td>5 feet (1.5 meters)</td>
<td>5 feet (1.5 meters)</td>
</tr>
<tr>
<td>Recommended Motor at Maximum Length&lt;br&gt;1 HP</td>
<td>1 HP</td>
<td>1 HP</td>
<td>1 HP</td>
<td>1.5 HP</td>
<td>1.5 HP</td>
<td>1 HP</td>
</tr>
<tr>
<td>Maximum Length</td>
<td>200 feet (60 m)</td>
<td>150 feet (45 m)</td>
<td>150 feet (45 m)</td>
<td>120 feet (35 m)</td>
<td>120 feet (35 m)</td>
<td>150 feet (45 m)</td>
</tr>
<tr>
<td>Standard Extension**&lt;br&gt;245 feet (75 m)</td>
<td>185 feet (55 m)</td>
<td>185 feet (55 m)</td>
<td>150 feet (45 m)</td>
<td>N/A</td>
<td>185 feet (55 m)</td>
<td>185 feet (55 m)</td>
</tr>
<tr>
<td>Typical Applications</td>
<td>Broiler and turkey production&lt;br&gt;Hog and feed house&lt;br&gt;Dairy cattle feeding or large particle feeds</td>
<td>Broiler, breeder, turkey or layer houses or large hog buildings</td>
<td>Broiler, breeder, turkey or layer houses or large hog buildings</td>
<td>Broiler breeder houses only</td>
<td>Broiler, breeder or layer houses, bin filling, grain moving, or stationary mills</td>
<td>Broiler or layer houses, bin filling, grain moving or stationary mills</td>
</tr>
</tbody>
</table>

*Feed delivery rates 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, 40 HMC, and 108. For each straight-through tandem system (Model 75, HMC, 60 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). FLEX-AUGER® Model 55 also available.

**Chore-Time’s mechanical and electronic switches provide reliable feed sensing.**

Chore-Time’s mechanical and electronic Auger Timer can be used to prevent the auger system from running empty longer than a pre-set time between three and 100 minutes. 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.

**Chore-Time offers a variety of accurate, reliable, easy-to-use controls from more advanced multi-function units to basic, single-function controls.**

Chore-Time’s AGRI-TIME™ 4-Channel Time Clock can control up to eight events (feedings, waterings, etc.) with a start time and a run time for each.

Chore-Time’s Feed Scale is a diagnostic tool to help measure bird performance based on eating rates and habits.

Chore-Time’s Hopper Level Control (a) is used to maintain the feed level in the hoppers for continuous feed supply. The electronic Hopper Level Control (b) and Drop Tube Switch (c) adjust automatically to changes in feed type. A built-in programmable delay prevents short-cycling.