BULK FEED TANKS

Proven & Dependable™

AP’s Bulk Feed Tanks perfectly illustrate the attention to detail that quality demands. Every stage of the forming process, from corrugation to die-cut shaping to precision finishing, is controlled at our own facilities to assure quality is maintained.

EXCLUSIVE TO AP HOPPERS
The upper eave, where the hopper is joined to the sidewall, is specially die-formed to conform to the shape of the sidewall corrugation. Most other manufacturers depend on crimping and bolt pressure to force the connection which produces corrosion-prone distortion and dimpling of the sidewall.

60° & 67° HOPPER SLOPES
Available in 60° and 67° slopes in either a 16” or 22” hopper opening, AP hopper panels are die-formed with rounded corners and down-turned sealing edges for safety and a weather-tight fit. Assembly with rounded, truss-head bolts reduces content bridging.

12 GA. HOPPER COLLAR
The hopper collar is a critical component of the Bulk Feed Tank. AP’s 6’, 7’, 9’ and 12’ bulk feed tanks utilize a 12 gauge hopper collar, producing a part that is 30% stronger than the industry standard 14 gauge collar.

STURDY SIDE LADDERS
A unique, non-interfering safety rail and fully die-formed, sectional side ladder provide solid, comfortable access. Ladder rungs are dimpled for better footing in inclement weather.

ADDED SECURITY
Stay in compliance with current fall protection standards with AP’s flexible cable vertical safety systems and feed tank safety cages.

DRIP LIP WATER DEFLECTION
AP’s drip lip water deflection system is a one-of-a-kind, roll-formed bottom sheet edge which forces water away from the hopper and lower boot area, giving complete weather protection without a loss in capacity.
The ability to leverage over 35 years of bin manufacturing experience makes AP a reliable solution to your feed storage needs.

**EASY INSTALL BIN LID**
Factory assembled for easy installation, AP’s feed tank lid features a durable LLDPE construction and swings fully open on 7’ diameter bins and larger.

- Available for 30° and 40° roof profiles
- Simplified clamp-band installation of lid assembly peak ring
- Clamp-band design allows installation in 360° orientation
- Retro-fit packages available for 20” and 22-1/2” O.D. peak rings

**EASY GROUND CONTROL**
AP’s feed tank bin lid is easily opened and closed from the ground using a simple pull chain system.

**REINFORCED BELTING**
Reinforced rubber belting bumper provides additional protection to peak ring.

**Secure Design**
An internal magnet adds additional holding power to keep the lid closed.

**Optional Snow Guard**
Optional Snow Guard helps deter blowing snow from entering the tank.

Roof panels are precision manufactured using die-form tooling to provide consistent quality.

Both 30° and 40° roofs feature reinforcing ribs at each roof seam for added strength and rigidity.
Innovative Solutions

From remote feed management to feed bridging prevention, AP offers innovative solutions that reduce downtime and improve production efficiency.

**PRECISION* BIN SCALE**
The 4-wire EDGE module and PRECISION load cell combination add extensive feed management benefits to your EDGE control system. Receive low-feed notifications via email or text, 180-day history on the controller including auger run times, feed deliveries, remote access† and more. PRECISION load cells include built-in lifting and come pre-calibrated.

*Patent Pending

**CONVENIENT BUILT-IN LIFTING**
The built-in lifting mechanism on select load cell models provides convenient installation on an empty bin. Simply attach the load cell to the bin leg and turn the top adjustment bolt to lift the bin to the appropriate height. The compact designs of the load cell assemblies only increase the overall height of the feed bin approximately three inches (eight centimeters).

**EDGE® BIN SCALE**
The 3-wire EDGE® module utilizes Feed-Link™ load cells for accurate and reliable bin weighing. Receive all the benefits the EDGE control system has to offer including low-feed notifications, 180-day history on the controller, auger run times, feed deliveries, remote access† and more.

**FEED-LINK™ BIN SCALE**
Feed-Link™ is a cost-effective bin scale alternative offering feed monitoring and inventory management either at the site or from a remote location. The display unit can be mounted either on the bin or up to one hundred feet away. The digital display can be set to display pounds, kilograms or percentage of full.

**EdgeIP and GSIEDGE.com**
Utilize the EdgeIP app to connect† to your EDGE bin scale using your mobile internet device for real-time access to your feed inventory and consumption data. Upgrade to a GSIEDGE.com license to monitor and manage all aspects of your production process including ventilation, cooling, heating, lighting, animal weight and watering.

†Remote access and/or GSIEDGE.com benefits require an internet connected EDGE® control system and related control modules.
Surpassing expectations with superior product construction and innovative solutions is what we do.

FLOW HAMMER
Feed bridging is more common as feed rations change due to fluctuating input costs and the use of alternative feed stuffs to lower cost and gain feed efficiency. The Flow Hammer is a reliable and affordable solution that easily adapts to most existing feed bins. This patented* product aids in the prevention of out-of-feed events in all phases of swine production.

The Flow Hammer’s low frequency/high impact design promotes feed flow without damaging your feed bin or voiding the AP warranty.
U.S. Patent No. 9,493,300

GO WITH THE SURE-FLO
An available option for 16” to 22” hoppers, Sure-Flo directs feed down the hopper of the bin rather than down the center creating a first in, first out feed flow. The gentle movement of the heavy-duty molded cone enhances flow as feed passes over it. The Sure-Flo support bracket easily bolts to the hopper collar of new or existing feed bins.
BOOTS AND UNLOADERS
AP offers several unloader and boot type options designed for years of efficient and reliable operation. All boots are chemically blended with specially formulated ultraviolet inhibitors and impact modifiers to enhance durability and resilience. Unloaders include heavy-duty ball anchor and bearing assemblies for increased service life and reduced maintenance. From feed tank to feeder, you can rely on your AP feed delivery system to go the distance.

QUALITY UNLOADERS
All unloaders have a slide gate above the auger to shut feed off and a side inspection door. AP unloaders are available for 2.2” (55mm), 3” (75mm), 3.5” (90mm) and 5” (125mm) Flex Flo™ or 4” and 6” rigid auger systems.

HEAVY-DUTY METAL BOOTS
Multiple outlet requirements can be easily handled by our 22” (559mm) all metal, double and triple boots.

Long lasting and proven performance makes AP boots and unloaders a trusted choice.
### Dimensions & Specifications

#### Rigid Augers

<table>
<thead>
<tr>
<th>Diameter (Feet)</th>
<th>Diameter (Meters)</th>
<th>No. of Rings</th>
<th>Angle of Hopper</th>
<th>Fill Height (Feet), 40° Roof</th>
<th>Fill Height (Meters), 40° Roof</th>
<th>*Max. Capacity (Bu), 30° Roof</th>
<th>*Max. Capacity (Cu.Ft.), 30° Roof</th>
<th>*Max. Capacity (M.Tons), 40° Roof</th>
<th>*Max. Capacity (US.Tons), 30° Roof</th>
<th>*Max. Capacity (US.Tons), 40° Roof</th>
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</table>

**6’ - 15’ Diameter Bulk Feed Tanks**

- Designed for the storage of free flowing material having a maximum density of 40 lbs. per cubic foot
- Bushel capacities are calculated with no compaction and to full cubic foot capacities
- Weight capacities are calculated at 40 lbs. per cubic foot
- Add 19” to the fill height for top of cap height

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**Rigid Augers**

<table>
<thead>
<tr>
<th>Auger Length</th>
<th>Motor Size</th>
<th>Auger RPM</th>
<th>Capacity (BPH)</th>
<th>Capacity @ 45° Incline (BPH)</th>
<th>Capacity @ 25% Moisture (BPH)</th>
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</table>

Specifications are subject to change without notice.

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**WARNING!** Non-free flowing materials including (but not limited to) soybean meal and meat by-products should not be stored in these tanks due to their inherent nature of bridging. Check with your material supplier on the flowability of your product prior to purchasing a tank. If in doubt about a specific product, contact the AP engineering department for additional recommendations. Some features are optional and may be available only on certain models. Consult your local AP dealer for details.

Specifications are subject to change without notice.
BULK FEED TANKS

In today’s competitive market place, it is essential to maximize the efficiency and performance of your swine production facilities. AP is the industry leader in the manufacture of innovative, durable and dependable swine production equipment designed to help you meet these goals.

VIEW WINDOWS
Save yourself a trip up and down the feed tank ladder with AP’s optional view windows in either a sidewall or hopper panel mount. Feed levels inside the tank can be quickly and easily monitored at a glance.

RIGID AUGERS
Rigid 4”, 6”, and 8” augers are available to meet your specific capacity requirements. AP 8” and larger rigid augers are equipped with exclusive Dura-Edge™ flighting that lasts 30% longer than regular flighting.

FLEX-FLO™ DELIVERY
AP’s Flex-Flo™ feed delivery system adapts to a variety of configurations and capacities to meet your particular feed delivery requirements.

FACTORY FORMED FILL KITS AVAILABLE
Exclusive pre-punched, extruded lip roof panels for the optional pneumatic fill-kit eliminate the inconvenience of field-cutting fill and exhaust tube openings, and ensuring moisture-proof seals.

EDGE® CONTROLLER
For complete monitoring and multi-location control over all feed and environmental systems, EDGE is the total package solution. EDGE is built on a modular architecture allowing the system to be built and grow with your specific needs. EDGE features integrated diagnostics, triple layer protection, and remote access allowing you take control of the system from the comfort of your truck, office, couch and anywhere in between.

Look to AP for quality feed management solutions.