

FLEX-FLOTM

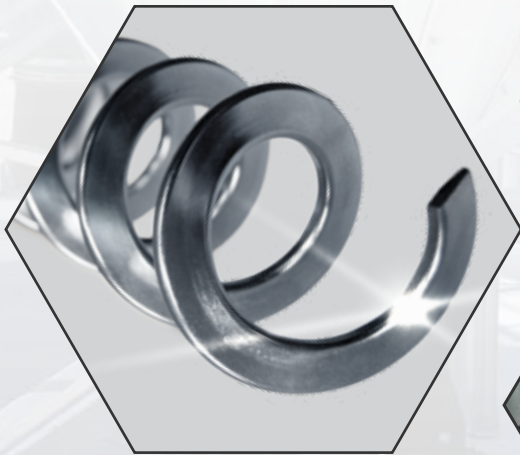
FEED DELIVERY



UNLOCK BETTER PERFORMANCE

FLEXIBLE OPTIONS, RELIABLE DELIVERY

The Flex-Flo Feed Delivery System from AP offers five models with capacities ranging from 15 lbs. to 220 lbs./minute (6.8kg to 99.8kg/min.), and flexible configurations for the reliable delivery of feed to your pigs.



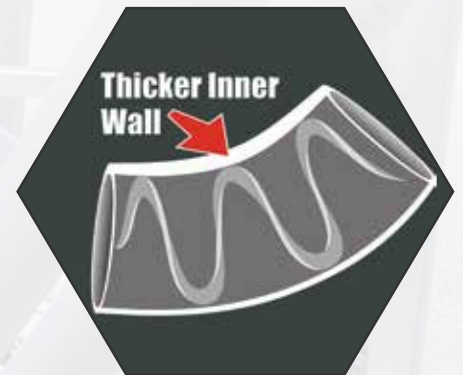
Our augers are coiled in-house from high-tensile, hardened steel for consistent quality and strength. Hardening the steels provides better resistance to distortion and an all-around stronger product.

DURABLE AUGERS AND PVC TUBING

Whether you are moving feed up, down, on-the-level or around corners, AP Flex-Flo augers and PVC tubing provide long-term strength and durability.



PVC tubing is extruded in our own facility to maintain a consistent formulated standard for UV stabilization, strength, and wear resistance.



Flex-Flo™ elbows are specially formed with increased wall thickness on the inside of the elbow for added strength and wear resistance for moving feed up and around corners.

FLEX-FLO™ MODEL 300P AUGER

- Designed for pelleted feeds, but can be used for all feed types.
- Identical feed flow from all tanks.
- No restrictor baffles required.
- Slide gates can be opened 100%.
- Easy retrofit.
- Similar design requirements as M300 systems.

FLEX-FLO™ XD AUGER

- Twice the durability of a traditional auger.
- All the features of the Flex-Flo 300P auger.
- Available in 300P, 300, HR, 350 and 500 models.

RELIABLE CONTROL UNITS

Flex-Flo control units automatically adjust sensing calibration to accommodate seasonal changes and wash-downs. A bi-color LED provides quick verification of operating status.

- Fixed 30 second motor delay for electronic safety switch.
- Controls single phase or three phase motors.
- Auger relay (Max 25 amp load) rated for 1-1/2 HP motors.
- Additional contactor for feed monitoring.
- 240 volt, 50 Hz or 60Hz.

POWER UNITS

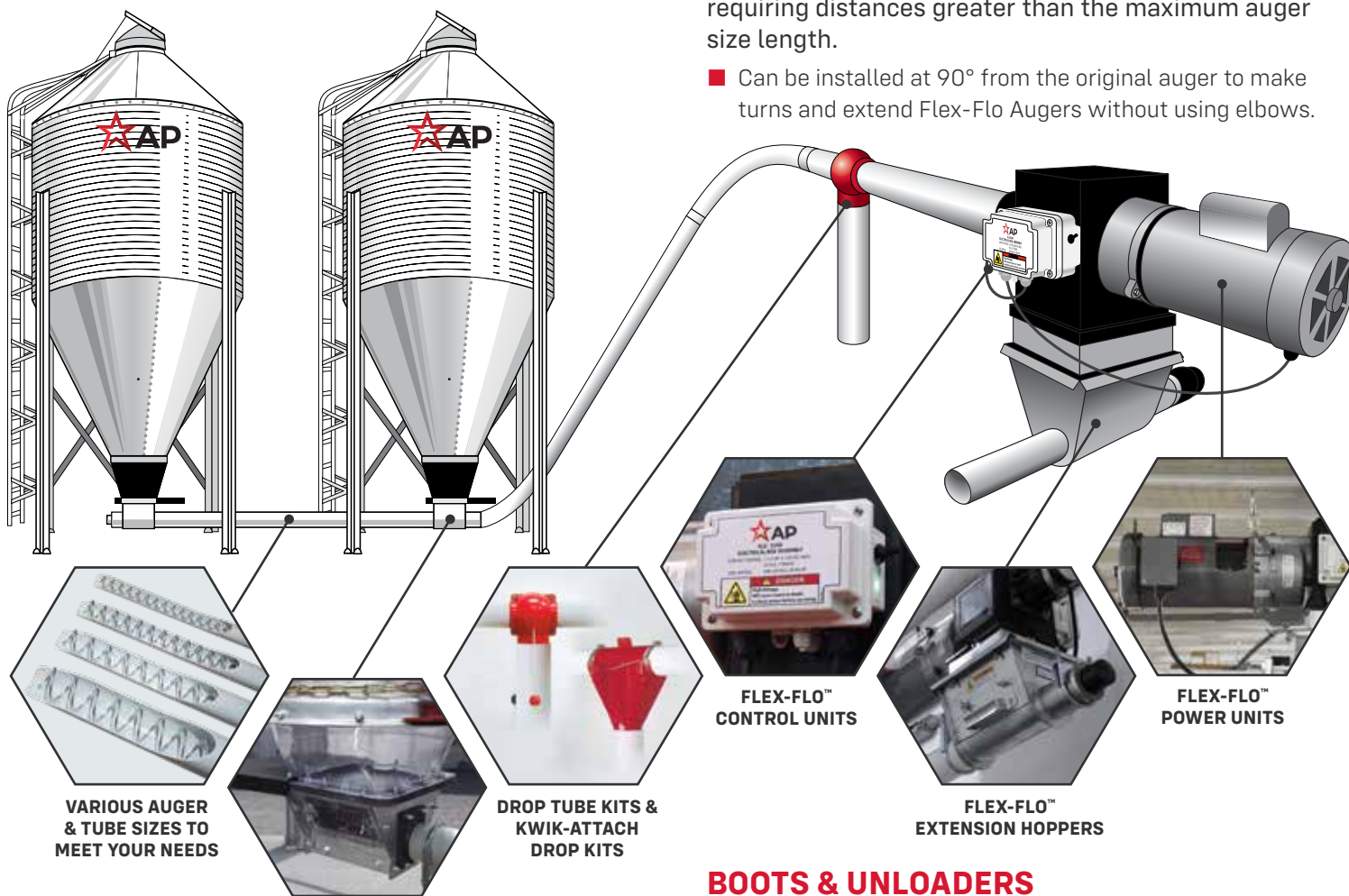
The Flex-Flo™ auger is driven, direct or via belt, by a 1/3 to 1-1/2 hp, totally enclosed, fan cooled motor at a standard 358 RPM. *(Other speeds available for special applications).*

- Easily accessible maintenance port
- Safety back up switch.
- Automatic thermal shut-off switch.

EXTENSION HOPPERS

Extension hoppers are available for applications requiring distances greater than the maximum auger size length.

- Can be installed at 90° from the original auger to make turns and extend Flex-Flo Augers without using elbows.



DROP TUBE KITS

- Drop kits are available for all Flex-Flo Systems.
- Provide a totally enclosed outlet drop.

KWIK-ATTACH DROP KITS

- Easy to install and attaches securely to avoid feed spills.
- Allows for complete clean out of feed.

BOOTS & UNLOADERS

AP offers several boot and unloader options including single, double, triple and quad models.

DURABLE BOOTS

- Straight and 30° drop boot options.
- Available in black, translucent or heavy-duty metal.

FLEX-FLO™ XD AND XD ULTRA UNLOADERS

- Heavy-duty ball anchor and bearing assemblies
- Slide gate feed shut-off
- Side inspection door.

Visit automatedproduction.com for more information.

FLEX-FLO™ Models to fit your specific requirements.

	MODEL 220	MODEL 300	MODEL 300P	MODEL 350	MODEL HR	MODEL 500
Feed Delivery Rate Per Minute*	15 Lbs. (6.8 kg)	50 Lbs. (22.7 kg)	50 Lbs. (22.7 kg)	100 Lbs. (45.4 kg)	50 Lbs. (22.7 kg)	220 Lbs. (99.8 kg)
Std. Power Unit RPM	358	358	358	358	358	358
Outside Dia. of Tube	2.2" (56mm)	2.95" (75mm)	2.95" (75mm)	3.5" (89mm)	3.5" (89mm)	5" (127mm)
Corner Radius	5' (1.5m) or 10' (3m)	5' (1.5m)	5' (1.5m)	5' (1.5m)	5' (1.5m)	5' (1.5m)
Max. Length from BFT	250' (76m)	200' (61m)	200' (61m)	150' (46m)	150' (46m)	150' (46m)***
Max. Length Ext.**	300' (91m)	240' (73m)	240' (73m)	180' (55m)	180' (55m)	180' (55m)
Recommended Motor HP at Max. Length	1/2 HP	1 HP	1 HP	1 HP	1 HP	1.5 HP
Max. Moisture Rate	18%	18%	18%	18%	27%	27%
Type of Feeds	Ground, Mash, Small Particle	Ground, Mash, Small Particle	Ground, Mash, Small Particle, Pellets	Ground, Mash, Shelled Corn, Pellets	Shelled Corn, Large Particles, Pellets	Shelled Corn, Large Particles, Pellets
Max. Particle Size	1/8"(D) x 1/2"(L)	1/8"(D) x 1/2"(L)	1/8"(D) x 1/2"(L)	3/16"(D) x 1/2"(L)	3/8"(D) x 3/4"(L)	3/8"(D) x 1"(L)

*Feed Delivery Rate calculated at standard 40 lbs. / cubic foot material (640 Kg per cubic meter)

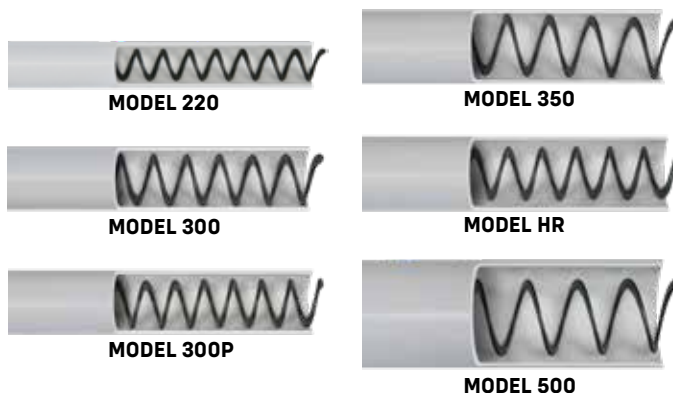
**Maximum length calculated with NO ELBOWS, subtract 15' from maximum length for each 45 degree elbow.

***For High Moisture Corn, reduce system length by 50%.

NOTE: When more feed storage or multiple rations require tandem tanks, subtract 50' (15 mtrs.) from the Max. System Length. Specifications are subject to change without notice.

Model 300 Specifications

Maximum Particle Size	0.125" D x 0.5" L 3.18mm x 12.7mm
Maximum Moisture Rate	18%
Feed Delivery Rate	50 lbs. (22.7 kg)/Min. or 3000 lbs. (1360.7 kg)/Hr.
Type of Feed	Ground, Mash, Small Particle & Pellets
Maximum Distance with 1 BFT	210' / 64 M
Maximum Distance with 2 BFTs	160' / 48.8 M
Maximum Extension Distance	240' / 73.2 M
Maximum Daily Run Time	4 Hours



Contact your AP representative or visit automatedproduction.com for more information.