

# OSWALT® AUGER MIXERS



D425 D500 D575

**Trailer  
or Truck**



D200 D250 D300 D350

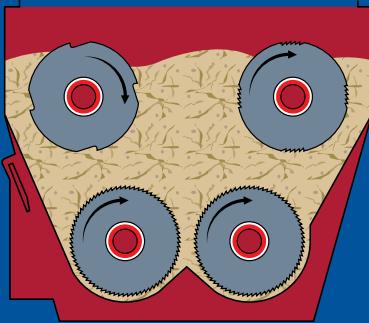
**Stationary  
or Trailer**



# OSWALT® AUGER MIXERS



## A family of heavy-duty mixers



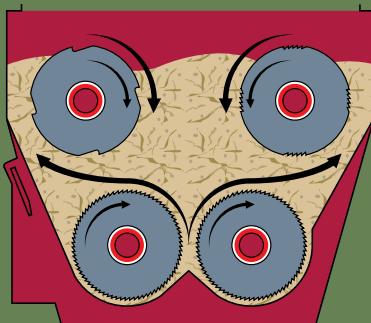
### D200, 250, 300 AND 350 MIXING ACTION

The bottom augers rotate clockwise to work together moving material to the front of the mixer. The offset convergence point on bottom augers reduces torque which lowers horsepower requirements during tough mixing demands and gently lifts the feed to the top augers. To complete the mixing process, top augers move feed to the rear creating a waterfall-effect of feed cascading to the bottom augers for a thorough mix in half the time.

Model	Stationary	Trailer	Truck	Mixing Capacity
D200	•	•		200 cubic ft.
D250	•	•		250 cubic ft.
D300	•	•		300 cubic ft.
D350	•	•		350 cubic ft.
D425		•	•	425 cubic ft.
D500		•	•	500 cubic ft.
D575		•	•	575 cubic ft.



Since 1952, Oswalt® has been defining the standards for feeding equipment. We've built our reputation as industry leaders by leading the way in TMR technology. Our experience, combined with our innovative design, enables Oswalt® to continuously offer quality-built, long-lasting TMR auger mixers to the dairy and beef industries.

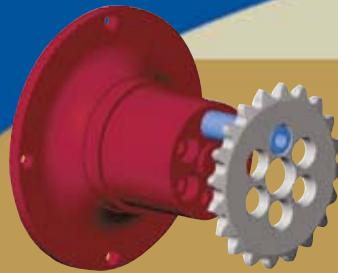


3

#### D425, 500 AND 575 MIXING ACTION

The same quality engineering that we use in our small mixers has been incorporated in the larger units. Through field-testing, we have designed the top augers to rotate in opposite directions. This design, along with having the right distance between the top augers, allows a faster mixing action and larger total load capacity.

# OSWALT® AUGER MIXERS



## Dependable Dowel Drive

Provides superior power transfer to the augers. Plus, adds up to 80% more strength to the drive for rock-solid reliability in tough hay processing and mixing conditions.

## Leading the way in TMR mixing technology!

### Low Profile Design

Oswalt® mixers can be easily loaded with skid steer loaders. They fit into narrow feedways and low overhead doorways. Oswalt® stationary models can be loaded with ease from a platform or conveyor. Standard poly extensions increase mixing capacity and the flexible design protects the mixer from bucket damage.

Oswalt® mixers produce superior mix quality and have a proven track record. Oswalt® delivers a more consistent and more palatable mix, which translates to better feed conversion and better herd health. Our mixers can mix small and full batches alike and easily handle a wide variety of ingredients.

With Oswalt, you'll reap the benefit of an efficient drive design, which requires less power to mix feed. You'll save time and money by adding Tuff-Glide® liners to speed material flow, decrease mixing time and increase the life of the mixing chamber. With Tuff-Glide®, wear and tear is on the replaceable, low cost liners, not the structure of your mixer. Faster mixing equates to less wear on unit and lower fuel/electricity needs. What's more, when it is time to trade up for a new mixer, you'll find Oswalt® to have the highest resale value of any auger mixer on the market.

4

### Hay Bar Option

Recommended on all mixers using hay, the Heavy-duty Hay Bar option (standard on Hay Saw™ units) helps control the flow of material and dry hay into the main auger chamber, assuring proper processing and mixing of all ingredients in as little as three minutes, depending on ration.



### Long-Lasting Tuff-Glide® Liners

An Oswalt® innovation for over 25 years. The low-friction, self-lubricating, Tuff-Glide® mixer chamber liners reduce mixing pressures as much as 25%. Tuff-Glide® is not affected by acid or moisture and it resists abrasion. Oswalt's mixing pattern, along with Tuff-Glide® liners help feed material flow freely. This reduces horsepower requirements, virtually eliminates material hang-ups and dead spots. The result is an unmatched quality of mix, in less time, with less horsepower and less wear. The liners extend mixer life and can increase the resale value of your mixer.

10-gauge Stainless Steel Liners are also available for sides and bottom.





# HAY SAW™

For Incorporating  
More Hay into Your Ration

Oswalt® mixers are superior in their ability to mix all types of ration ingredients. When equipped with the optional Hay Saw™ Processor you can mix more hay in your ration.\* The Hay Saw™ is designed to act as hundreds of fingers pulling the slabs of hay apart while ration ingredients are being mixed. It is this pulling action, instead of actually cutting, which helps maintain particle length resulting in a more palatable mix.

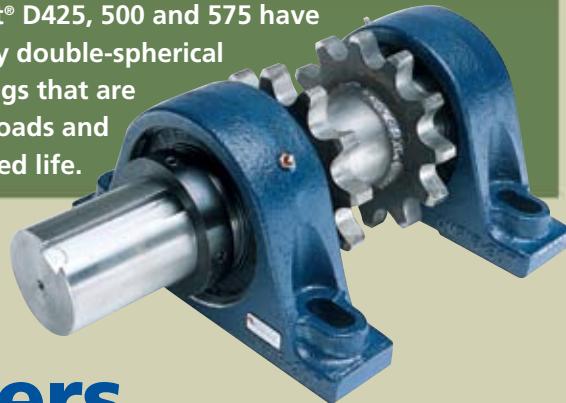
\*Refer to operator's manual for recommended methods of adding hay to mixer.



# OSWALT® AUGER MIXERS

## Double-Spherical Bearings

The Oswalt® D425, 500 and 575 have industrial duty double-spherical pillow block bearings that are designed for high loads and extended life.



## Oswalt® Mixers... Built Tough to Last!

### Dependable Dowel Drive

—Patent Pending

The heavy-duty auger drive sprockets are doweled directly into the massive solid steel auger drive shaft. The entire drive system runs continuously in an enclosed oil bath for added protection and longer life. Simple chain and sprocket design is easy to maintain while providing efficient power transfer.



The Oswalt® drive and power transfer systems are the “heart” of every Oswalt® Auger Mixer. Compare the simple and sturdy Oswalt® drive and power transfer system to everybody else and you will see why there is no equal!

### Quick-Couple Auger Flange



Auger tube flanges are bolted directly to the drive shaft with four hardened bolts. This dependable design allows the augers to be quickly removed without opening the rear drive doors!



WEEKLY GREASE SCHEDULE



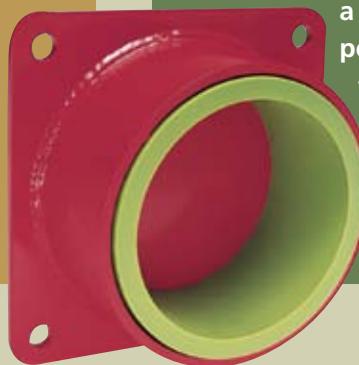
## Centralized Grease Bank

Conveniently located on the side of the oil bath, this important feature helps reduce maintenance time and extends equipment life.



## Easy-Access Rear Door(s)

Dual entry on models 425, 500 and 575, single on models 200, 250, 300 and 350. Behind these doors lie the latest innovation in Oswalt® drive technology. Large handles and a unique cam mechanism insure a tight seal for the oil bath while enabling quick and easy inspection access to the drive system.



## No Maintenance Nyloil® Bearings

Sleeve-type, front,  $6\frac{3}{4}$ " diameter auger bearings are made from  $\frac{1}{2}$ " thick Nyloil®. Nyloil® is a refined nylon material that is permanently impregnated with oil for superior lubrication, long life and smooth performance. These Nyloil® bearings are not affected by moisture, dust or the corrosive action of feed acid.



# OSWALT® AUGER MIXERS

## Hydraulically Adjustable Conveyor



This convenient hydraulic feature allows the operator to easily set the proper conveyor height for feeding into a bunk, minimizing wind loss. When you are done feeding, the conveyor folds up against the side of the mixer to allow maximum transport clearance. An extended folding conveyor is also available with an added 13" in length.



### Baffle Magnet Option

This option replaces the discharge chute. It bolts to the end of the conveyor and can be adjusted several ways to match feed flow and bunk requirements. The attached magnet helps trap unwanted metal.



### Rugged Lever Action Door

The wide 40" discharge door on the D425, 500 and 575 units is controlled with a hydraulic cylinder mounted to the sturdy body flange. This robust lever design transfers the pulling load to the rigid body instead of the side wall.



### Heavy-duty Tires and Hubs

Massive H40 x 14.5 aircraft tires are mounted to heavy-duty hubs and axles which provide superior ground clearance and flotation for muddy conditions.



### Stationary Motor Mount

Available on the D200, 250, 300 and 350 stationary units. Choice of right side (pictured) or front motor mount design featuring banded V-belt drive with easy belt tightening. Choose motor mount location based on feed room layout.



### Operator's Manual Holder

Permanently mounted to the mixer in a dry and secure location, the operator's manual is always available for quick access and reference.

### Optional Light Kit

The optional light kit complies with ASAE standards for lighting and marking for operation on roadways.

### Stationary Discharge Control

Offered on the D200, 250, 300 and 350 units. An 18" diameter wheel allows for manual operation of the sliding discharge door, controlling the flow of feed to the 20" wide discharge opening, for a complete cleanout to any conveyor. A lock positions the door to the desired opening. An optional electric door opener is available.





10

## Truck Mounted Models

Oswalt® Models D425, D500 and D575 are also available as a truck mount and have all the same heavy-duty design features as the trailer units. Some of the benefits of choosing an Oswalt® truck mounted mixer are ease of operation, maneuverability, increased operator comfort, and reduced fatigue. The faster transport speed allows you to feed more livestock in less time, which is ideal for operations with multiple feeding locations.

## Enjoy the Comfort and Convenience of a Truck Mounted Mixer

Everything you need to complete the mixing and feeding process is right at your fingertips. Easy to use mixer controls are conveniently located within the cab. Your choice of indicators is mounted within the operator's view for monitoring each ingredient as it is loaded into the mixer.



### Weigh Beam Cells

We offer a four-point differential bending beam weighing system that is unmatched in accuracy and dependability. When used with one of the indicators you get an accurate ration, batch after batch.

### Optional Compression Load Cells

These CT load cells, when used with patented floating mounts, are ideal for truck mounted mixers giving you the most accurate and reliable scale system on the market today.



### Stationary Weigh Bars

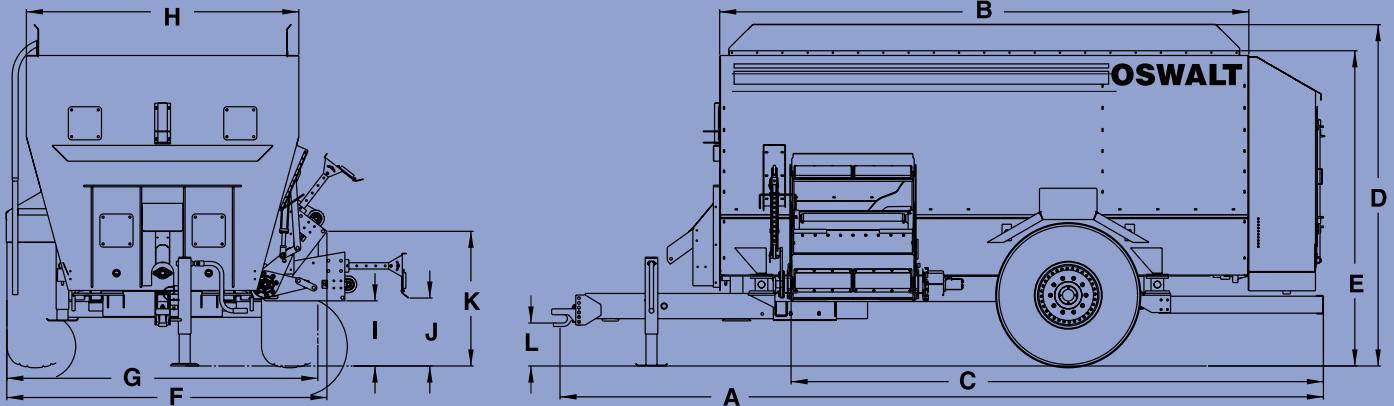
The stationary models have four weigh beams that offer 99.5% accuracy. They feature heat-treated steel, sealed strain gauge design and choice of indicator. Load cells are mounted on a hefty channel frame.

### Trailer Weigh Beam Axles

Models D200, D250, and D300 feature two weigh beam axles and weigh beam hitch with heat-treated steel and sealed electronic strain gauges. Model D350 features a four-point weigh beam mounting system. The indicator gives dependable and precise digital readouts at 99.5% accuracy, batch after batch.

### Multi-Position Swing Mount

This convenient and multi-position sturdy trailer swing arm mount lets the operator position the indicator for tractor seat or side viewing.



#### S P E C I F I C A T I O N S

Description	D200	D250	D300	D350	D425	D500	D575
<b>Mixing Capacity (cu. ft.)</b>	200	250	300	350	425	500	575
<b>Struck Level Cap.—Top of Ext. (cu. ft.)</b>	235	292	349	406	470	550	630
<b>Bushels (cu. ft.) Mix Cap/Struck Lev</b>	160/188	200/292	240/279	280/325	340/376	400/440	460/504
<b>Max. Mixing Load (lbs.)</b>	6000 lbs.	7500 lbs.	9000 lbs.	10500 lbs.	12750 lbs.	15000 lbs.	17250 lbs.
<b>Unit Weight (lbs.)—Trailer</b>	7380 lbs.	7660 lbs.	9640 lbs.	12150 lbs.	13250 lbs.	13810 lbs.	15100 lbs.
<b>Unit Weight (lbs.)—Stationary</b>	6420 lbs.	6700 lbs.	8640 lbs.	9750 lbs.	X	X	X
<b>Power Requirement Min. (hp)—Trailer</b>	35 hp	45 hp	55 hp	65 hp	85 hp	100 hp	115 hp
<b>Power Requirement Min. (hp)—Stationary</b>	10 hp	10 hp	15 hp	20 hp	X	X	X
<b>A Overall Length</b>	194"	218"	242"	266"	218"	242"	266"
<b>B Mixing Chamber Length</b>	120"	144"	168"	192"	144"	168"	192"
<b>C Front of Discharge to Bumper</b>	97"	121"	145"	169"	145"	169"	193"
<b>D Height—Top of Extension</b>	89"	89"	89"	89"	108"	108"	108"
<b>E Height—Top of Steel</b>	81"	81"	81"	81"	100"	100"	100"
<b>F Overall Width—folded std. Conveyor</b>	95"	95"	95"	95"	102"	102"	102"
<b>G Overall Width—folded ext. Conveyor</b>	108"	108"	108"	108"	99"	99"	99"
<b>H Mixing Chamber Width</b>	66"	66"	66"	66"	86¾"	86¾"	86¾"
<b>I Discharge Hinge Height</b>	21"	21"	21"	21"	24"	24"	24"
<b>J Discharge Min. Baffle Height</b>	22"	22"	22"	22"	22"	22"	22"
<b>K1 Discharge Max. Height—std.</b>	36"	36"	36"	36"	37"	37"	37"
<b>K2 Discharge Max. Height—ext.</b>	44"	44"	44"	44"	45"	45"	45"
<b>Discharge Width</b>	30"	30"	30"	30"	40"	40"	40"
<b>Tub Bottom (without liners)</b>	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
<b>End Panels</b>	7 Ga	7 Ga	7 Ga	7 Ga	7 Ga	7 Ga	7 Ga
<b>Sides LH-RH</b>	10 Ga—¼"	10 Ga—¼"	10 Ga—¼"	10 Ga—¼"	10 Ga—¼"	10 Ga—¼"	10 Ga—¼"
<b>Hay Shelf</b>	¼"	¼"	¼"	¼"	¼"	¼"	¼"
<b>Bottom Auger Flighting</b>	½"	½"	½"	½"	½"	½"	½"
<b>Top Auger Flighting</b>	5/16"	5/16"	5/16"	5/16"	3/8"	3/8"	3/8"
<b>Bottom Auger Diameter</b>	L 20"—R 19"	L 20"—R 19"	L 20"—R 19"	L 20"—R 19"	L 26"—R 25"	L 26"—R 25"	L 26"—R 25"
<b>Top Auger Diameter</b>	20"	20"	20"	20"	26"	26"	26"
<b>Auger Tube Diameter</b>	6 5/8"—8 5/8"	6 5/8"—8 5/8"	6 5/8"—8 5/8"	6 5/8"—8 5/8"	8 5/8"	8 5/8"	8 5/8"
<b>Drive Chain—Main</b>	#80	#80	#100	#100	#100	#100	#100
<b>Drive Chain—Bottom Augers</b>	#120	#120	#120	#120	#140	#140	#140
<b>Drive Chain—Top Augers</b>	#100	#100	#100	#100	#120	#120	#120

Specifications may change at anytime without notice.

# OSWALT®

2205 E. Wyatt Earp, P.O. Box 1724  
Dodge City, Kansas 67801  
(620) 225-1142 • Fax (620) 225-6370