

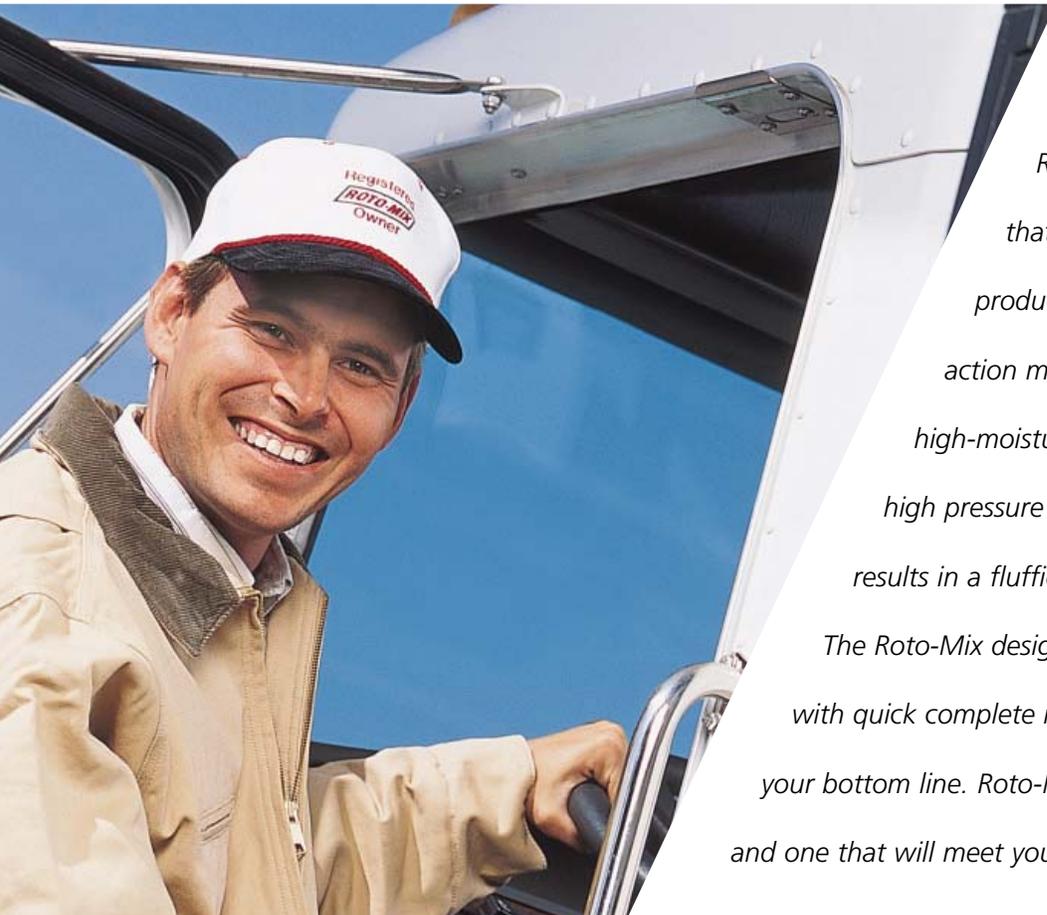
Commercial Series



Mixers
Made for the
Beef Business
of Today and
Tomorrow



The Dependable Mixer



Progressive cattle feeders know Roto-Mix delivers a quality feed mix that increases consumption and production levels. A gentle tumbling action mixes fragile flaked, leafed, and high-moisture ingredients without grinding or high pressure feed movement. This mixing action results in a fluffier, more palatable ration.

The Roto-Mix design combines the gentle tumbling with quick complete mixing to save time and improve your bottom line. Roto-Mix has a complete line of mixers, and one that will meet your needs today and tomorrow.



Model 620-16



Model 720-16

- Model 420-12** — Maximum load weight of 12,000 lbs.
Mix ration capacity of 420 cu.ft.
- Model 490-14** — Maximum load weight of 14,000 lbs.
Mix ration capacity of 490 cu.ft.
- Model 620-16** — Maximum load weight of 17,500 lbs. with 5-6 bar rotor.
Maximum load weight of 12,000 lbs. with 3 bar rotor.
Mix ration capacity of 620 cu.ft.
- Model 720-16** — Maximum load weight of 20,500 lbs. with 6 bar rotor.
Maximum load weight of 14,400 lbs. with 5 bar rotor.
Mix ration capacity of 720 cu.ft.
- Model 920-18** — Maximum load weight of 26,100 lbs. with 6 bar rotor.
Maximum load weight of 20,900 lbs. with 5 bar rotor.
Mix ration capacity of 920 cu.ft.



Benefits of the Roto-Mix® Mixing System

*The patented, rotor design lifts feed up to the side augers that move the feed, end-to-end for thorough mixing.
More Leaves - More Flakes - More Profits*

Particle Protector

The Roto-Mix system protects particle length with less grinding or compaction. Fragile flakes, leaves, and other commodities maintain their nutritional value. Fast, gentle mixing also reduces the time and handling your ingredients endure before feeding that contribute to particle breakdown. *More Leaves* and *More Flake* make more *Profit* for you.

Fresh Fluff

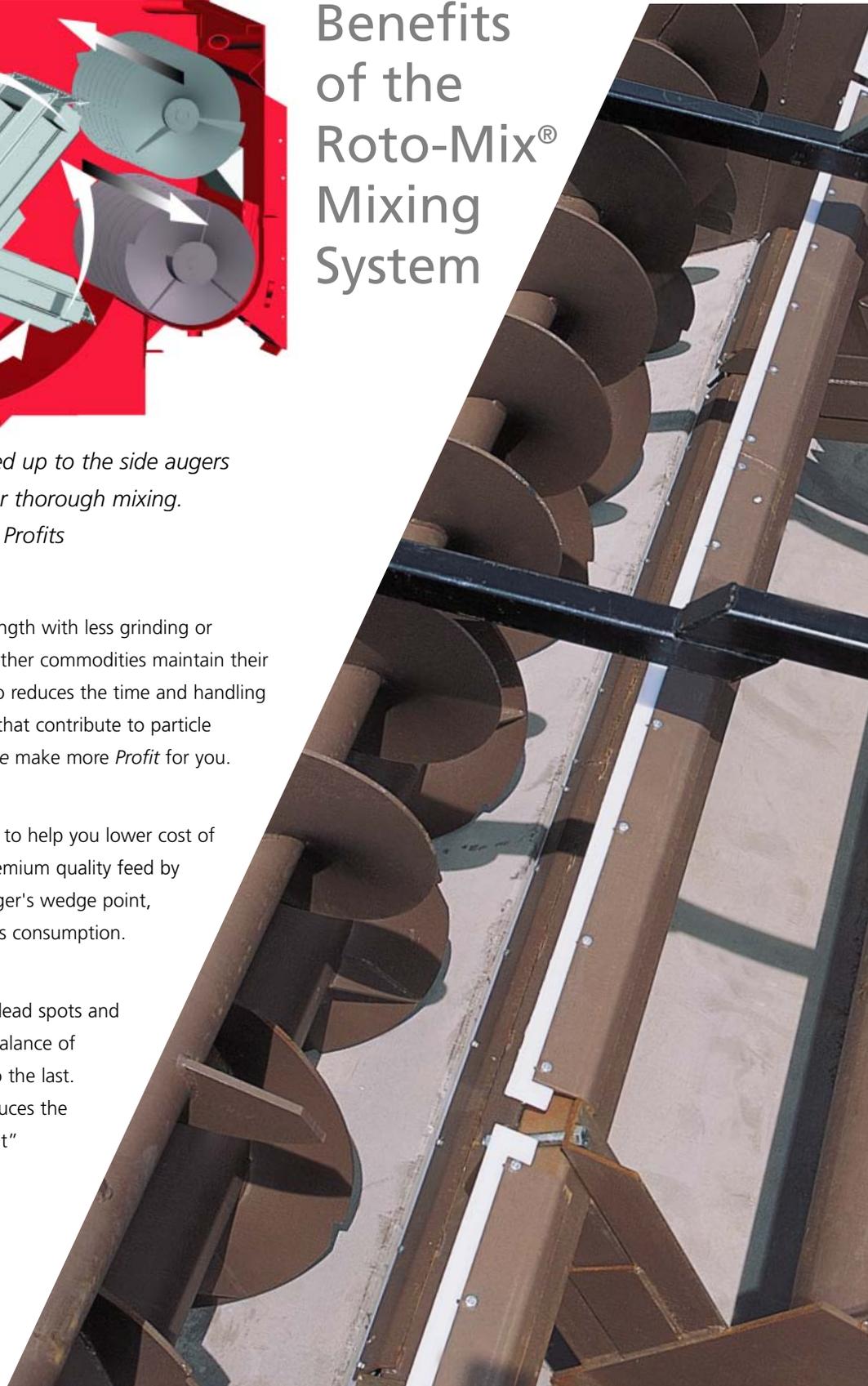
Bottom line – big nutritional advantages to help you lower cost of gain. Roto-Mix consistently produces premium quality feed by lifting the ingredients past the lower auger's wedge point, resulting in a fluffier ration that increases consumption.

Total Mixed Rations

Our thorough mixing action eliminates dead spots and corner pile-up, giving you a consistent balance of nutrients from the first pound of feed to the last. Complete mixing of ingredients also reduces the ability of the cattle to sort and “nose out” ingredients.

Flexibility

Feeds all types of grain, liquid feed, by-products, and forages. Ability to mix small and large batches with consistency, day after day, even with micro ingredients.



If You're In The Beef Business...



The Proof is in the Mix

Forward Pitched Rotor

The patented rotor lifts feed up to the side augers that move the feed from end-to-end for thorough mixing. The lifting action of the rotor eliminates wedging of the hay or long cut feeds under the lower auger. Patented tumbling design reduces mixing power requirements.

Commercial Duty Drive Train

Splined shafts eliminate shearing of keys and gaulding of shafts. Heavy-duty chains and bearings extend life and reduce down time.

Commercial Flighting

3/4", 5/8" and 1/2" flighting available for lower auger to extend life. Top augers available in 3/8" and 1/2" flighting.

Flared Side

The flared side allows feed to tumble out of the rotor speeding up the mixing action and reducing the chance for feed to get trapped inside the rotor.

Full Scale Frame

Sturdy box frame construction with rectangular tubing for increased stability and weighing accuracy. Scale frame assembly allows scale frame to float independent of truck frame.





Commercial Scale Check System

Load cell mounting comes standard with Roto-Mix Ball and Socket type tie bars to connect the mixer to the frame. This feature eliminates side and end movement on the load cells which allow for scale dependability and accuracy.

Shrinkage

The unique ability to process baled hay as you need it, results in less wind shrinkage when loading and processing.

Clean-Out

The forward pitch rotor design, adjustable UHMW wiper blades, and the rotation of the lower auger quickly and efficiently cleans-out the mixing chamber.

Easy Access Rear Doors

The single lever latch makes inspection easy and desirable compared to other little latches or hardware.

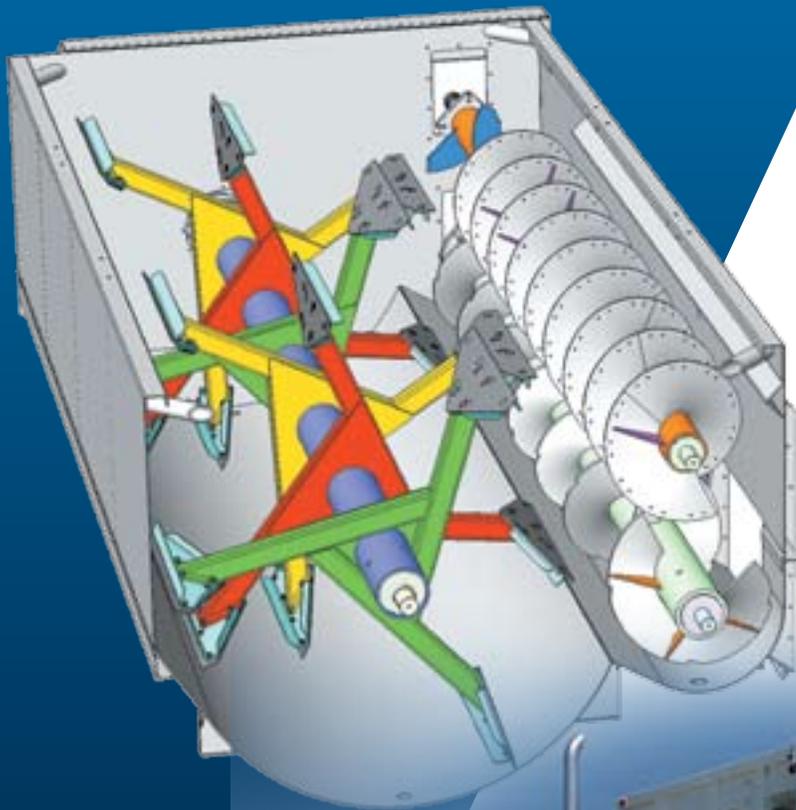
Single Point Grease Bank

Allows quick lubrication from a single point. Heavy-duty drive assembly runs in an enclosed oil bath.

Lower Center of Gravity

A lower center of gravity makes for a more stable unit when feeding and less shock load when cornering.

New! GeneRation II Staggered Rotor



- Ideal for Rations with WDG/DDG.
- Improved mixing action for high roughage rations.
- Improved lifting and tumbling action with less mixer revolutions.
- A faster mix for less fuel and wear.
- A unique staggered paddle design with improved mixing performance.
- Elimination of springs and spring boxes for lower maintenance cost.
- A super duty drive package on certain models to increase load capacity.

Patent Pending



Visit www.rotomix.com
to see **Video
Demonstration!**



Quality - "It's Built In"



Trailer Features

- Single pole tongue allows for a tight turning radius.
- Trailer constructed of heavy-duty tubular steel with built in scale mountings.
- Heavy-duty hubs and spindles designed for years of trouble free operation.
- A wide selection of tire choices.
- Rear bumper is standard equipment.
- Short wheel base allow for tight turns and easy maneuverability.
- Adjustable hitch clevis allows the operator to level mixer with most tractors to maximize mixer efficiency.
- Heavy-duty, tubular trailer frame ensures long life and maximum scale accuracy.
- Weigh bar scale or load-cell mounting.
- Load cell mounting comes standard with Roto-Mix ball and socket type tie bars to connect the mixer to the frame. This feature eliminates side and end movement on the load cells which allows for scale dependability and accuracy.
- Heavy-duty leaf spring suspension on 720 and 920 units.

Stationary Units

- Higher side discharge location allows easier loading of conveyors or elevator legs while maintaining a minimum mixer height.
- Left and right discharge units available.
- Low electric horsepower requirements.
- Flexible motor mount designs to keep overall space requirements to a minimum.
- Wide base scale frame.

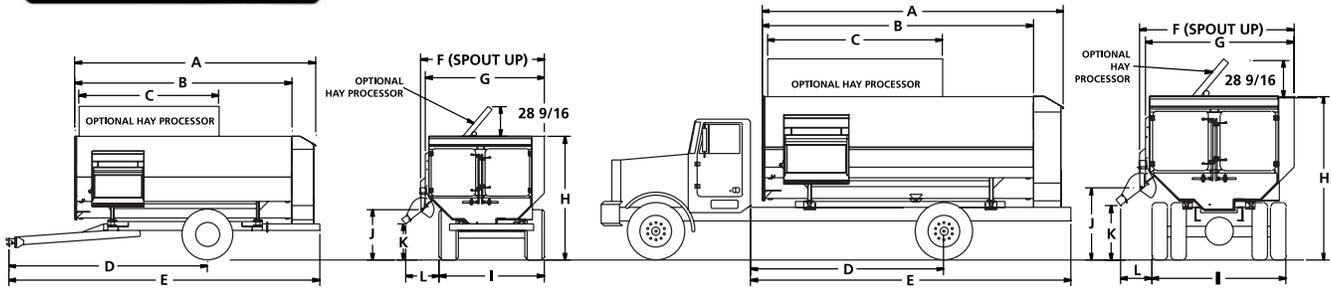
Options

- **Door-** Wide door openings allow for fast feed delivery with easy hydraulic control while mixer is running.
- **Spouts-** Gravity discharge spouts have no moving parts. Wind exposure is reduced compared to other units throwing feed to the cattle.
- **Magnets-** Trap foreign metal before it reaches the feed bunk.
- **Ladders** to aid in inspection of mixing chamber.
- **Stainless steel liners** for mixing chamber.
- **Rotor options** of 3, 5, and 6 bar to match the your ration density and improve mixing speed and performance.





Specifications



REF	MODEL DESCRIPTION	420-12	490-14	620-16	720-16	920-18
	Mixing Capacity (cu.ft.)	420	490	620	720	920
	Struck Level Capacity	450	550	680	770	1,035
	Bushels Mixing Capacity (cu.ft.)	336	392	496	576	736
	Maximum Mixing Load (lbs)	12,000	14,000	17,500	20,500	26,100
	Unit weight (lbs)-Trailer w/tires	14,030	15,595	18,130	22,125	25,085
	Unit weight (lbs)-Truck Installed	11,925	12,715	16,380	19,975	21,685
	Weight (lbs)-Hay Processor	n/a	n/a	775	825	1,750
	Power Requirement Min.(Hp)-Trailer	65	75	90	110	120
A	Mixer Length	166	190	218	219	232
B	Mixing Chamber Length	120	144	168	192	216
C	Hay Processor Length	n/a	n/a	125	125	144
D	Length Hitch to Tire Center	171	171	182	185 1/2	193
D	Length Cab to Axle Center	108	120	138	138-144	156
E	Overall Length-Trailer	233	245	278	283	303
E	Overall Length-Truck (Cab to Bumper)	175	199	229	235	262
E	Overall Length-Stationary (Not Shown)	175	199	230 1/2	234	250
F	Overall Width-Folded Spout	102	102	109 1/2	115	123
F	Overall Width-Stationary (Not Shown)	98	98	110 1/2	110	118 1/2
G	Overall Width-mixer only	98	98	106 1/2	110	119
H	Overall Height Mixer-Trailer*	106	106	110 1/2	121	130
H	Overall Height Mixer/Truck Frame Ht.	112/36	112/36	116/36	119/36	135/40
H	Overall Height Mixer-Stationary (Not Shown)	80 1/2	80 1/2	85 1/4	89 1/2	101 3/4
I	Overall Width of Tires-Trailer	90-98	90-98	94	96	96
I	Overall Width of Tires-Truck	96	96	96	96	96
J	Discharge Hinge Height-Trailer	46	46	45	51	59
J	Discharge Hinge Height-Truck	51	51	51	52	60
K	Discharge Height-Trailer-14" Spout	29	29	29	29*	37*
K	Discharge Height-Truck-*24" Spout	26	26	28	30	38
L	Discharge Reach-14" Spout-Trailer	28	28	28	35*	36*
L	Discharge Reach-*24" Spout-Truck	28	28	35	35	36
	Thickness-Bottoms (options available)	3/8	3/8	3/8	3/8	3/8
	Thickness-End Panels	1/4	1/4	1/4	1/4	1/4
	Thickness-Sides	7 Ga	7 Ga	7 Ga	7 Ga	7 Ga
	Top Auger Flight	3/8" x 16" OD	3/8" x 16" OD	3/8" x 24" OD	3/8" x 24" OD	3/8" x 24" OD
	Lower Auger Flight	1/2" x 20" OD	1/2" x 20" OD	3/4", 1/2x 24" OD	3/4", 1/2x 24" OD	3/4", 1/2" x 24" OD
	Rotor Diameter	68 1/2"	68 1/2"	72 1/2"	76 1/2"	84 1/2"
	Rotor Bar Options	5,6	5,6	3,5,6	5,6	5,6
	Drive Chain-Auger Drive, Rotor Drive	#80H-100- (2)120	#80H-100- (2)120	#80H-100- 120-140	#100-100- 120-(2)120	Hydrostatic #140-180

*Tire sizes may vary height. Unit weights listed with most common option packages excluding hay processor. All dimensions and specifications are approximate and subject to change without notice.

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