

MAXIMIXER 4000 SERIES SPECIFICATIONS

MODEL	4400	4500		4600		4700		4900
DIMENSIONS (inches)	TR	TR	TK	TR	TK	TR	TK	TK
A. Overall Length	247	261	205	297	239	297	241	241
B. Mixing Chamber Length	168	180	180	216	216	216	216	216
C. Front Discharge to Bumper	170	176	172	208	208	208	208	209
D. Overall Height 1,2	105	108	114	108	114	110	123	134
E. Tread Width2	92	92	92	92	92	92	92	92
F. Overall Width - mixer only	92	99	99	99	99	99	99	102
G. Power Discharge - max reach								
31" 3-Auger	17	17	19	17	19	17	19	20
39" 3-Auger	25	25	27	25	27	25	27	28
48" 3-Auger	34	34	36	34	36	34	36	37
Slide Tray - max reach	7	7	9	7	9	7	9	10
H. Power Discharge - max height								
31" 3-Auger	37	38	45	39	45	36	45	45
39" 3-Auger	41	42	49	43	49	40	49	49
48" 3-Auger	46	47	54	48	54	51	54	54
Slide Tray - max height	20	21	28	22	28	25	28	28
I. Power Discharge - transport width								
31" 3-Auger	103	103	105	103	105	103	105	110
39" 3-Auger	110	110	112	110	112	110	112	117
48" 3-Auger	118	118	120	118	120	118	120	125
Slide Tray - transport width	101	101	103	101	103	101	103	108
J. Hinge Height	35	36	43	37	43	34	43	43
SPECIFICATIONS								
Cubic Foot Mixing Capacity	420	525		630		720		900
Bushel Mixing Capacity	337	422		506		576		723
Unit Weight	14020	16400	14800	18000	16600	19700	17000	18650
Lower Augers								
Flighting Diameter	24	28		28		28		28
Flighting Thickness 3	1/2	3/4 & 1/2		3/4 & 1/2		3/4 & 1/2		3/4 & 1/2
Tube - outside diameter	4 9/16	6 9/16		6 9/16		6 9/16		6 9/16
Tube - wall thickness	1/2	1/2		1/2		1/2		1/2
Drive Shaft Diameter	3	3 1/2		3 1/2		3 1/2		4
Upper Augers								
Flighting Diameter	24	28		28		28		28
Flighting Thickness	1/2	1/2		1/2		1/2		1/2
Tube - outside diameter	4 9/16	6 9/16		6 9/16		6 9/16		6 9/16
Tube - wall thickness	1/2	1/2		1/2		1/2		1/2
Drive Shaft Diameter	3	3 1/2		3 1/2		3 1/2		4
Box Construction - material thickness								
Auger Bottoms	5/16	5/16		5/16		5/16		5/16
Lower End Panel	1/4	1/4		1/4		1/4		1/4
Upper End Panel	1/4	1/4		1/4		1/4		1/4
Mixing Chamber - lower right side	3/16	3/16		3/16		3/16		3/16
Mixing Chamber - lower left side	3/16	3/16		3/16		3/16		3/16
Upper Sides - left side	3/16	3/16		3/16		3/16		3/16
Upper Sides - right Side	1/4	1/4		1/4		1/4		1/4
Door Opening Size (h x w)	31 1/2 x 36	31 1/2 x 36		31 1/2 x 36		31 1/2 x 36		31 1/2 x 36
Drive System								
Planetary	18:1	18:1		18:1		18:1		18:1
Roller Chain	120,120,100,100	140,140,100,100		140,140,100,100		140,140,120,120		140,140,120,120
Trailer Tongue Weight (empty) - pounds	1000	680	na	1030	na	1680	na	na
Tractor Requirement - PTO HP	80	100	na	110	na	120	na	na

<sup>1</sup> Truck dimensions based on 38" truck frame height.  
<sup>2</sup> Heights & weights will vary depending on tire size.  
<sup>3</sup> Flighting on the first 51" of the auger are 3/4" with the remaining flighting is 1/2"  
All dimensions and specifications are approximate and subject to change without notice.



MaxiMixer  
4000 Series Feed Mixers

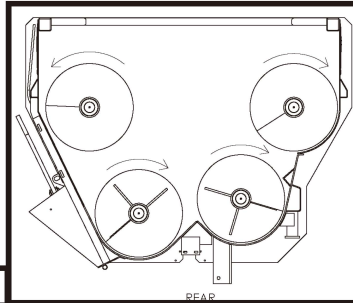
420 - 900 Cubic Foot Sizes

Your Service Center

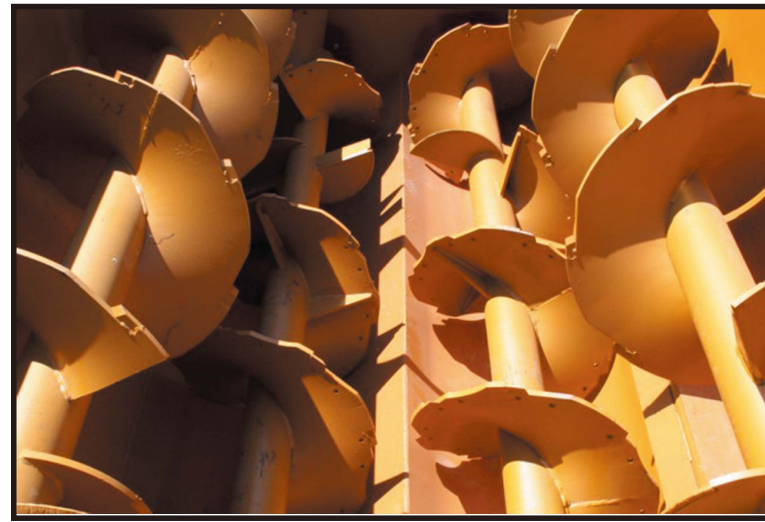
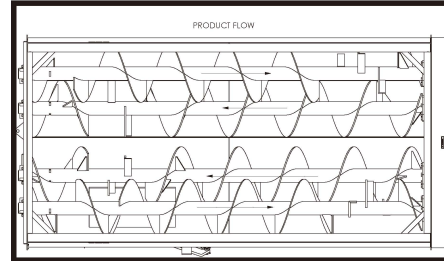


# MaxiMixer Feed Mixers / 4 - Auger Feed Mixers

- Raised Auger Design
- Extended Wear Augers Are Standard On Model 4500 And Larger
- Thorough, Consistent Mix With Fewer Fines



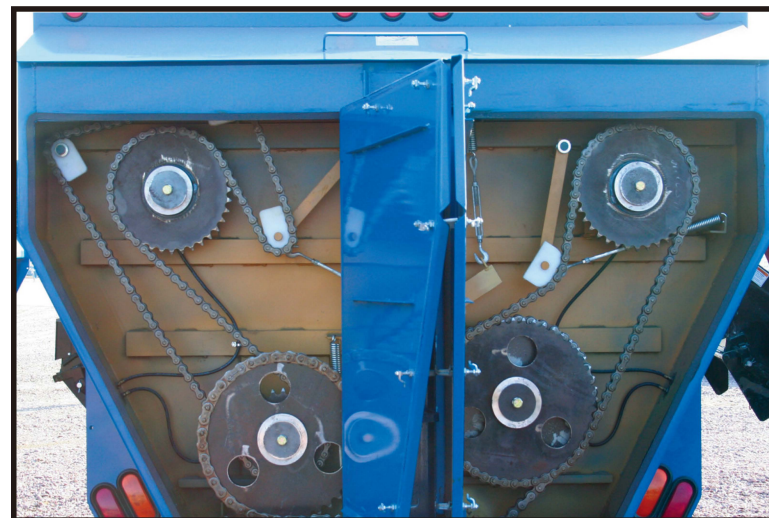
- Upper Augers Move Material Rearward
- Lower Augers Move Material Forward For Fast Unloading



## MaxiMixer 4 - Auger Mixers

### KEY DESIGN ADVANTAGES

- 3" and 3 1/2" Splined Shafts
- Flanged Final Auger Drives
- Poly Auger Bearings
- 1 1/4" Hex Shaft Drive Line
- Splined Planetary Input



### Oil Bath & Drive System

- Two-door rear oil bath opening provides easy access and serviceability of the drive system.
- Heavy-duty roller chain drive runs in the oil bath and features spring loaded, self-aligning tighteners.
- Remote grease bank allows for easy maintenance of the drive system.



### Quality Rations

The 4-auger design of the MaxiMixer 4000 Series Mixer provides a thorough and efficient blend of ingredients in most common beef and dairy rations.



### Scale Systems

MaxiMixer mixers use the latest in scale technology from Weigh-Tronix and Digi-Star scale systems.

### Finger Tip Controls

Comfortable, easy to use controls are at the truck operator's finger tips with the MaxiMixer's control console. The joystick or the toggle switches provide complete control of the door and discharge.



### Slide Tray or Power Discharge



Hydraulically controlled wide slide tray with magnets for ground feeding.



Auger discharge is hydraulically powered, height adjustable, includes magnets and delivers feed to bunks.