



# HORIZONTAL MIXER FEEDERS

Trailer/Stationary

## STANDARD FEATURES



- ◆ Four auger horizontal mixing system
- ◆ Large diameter augers with flighting thicknesses ranging from 3/8" to 3/4"
- ◆ Large diameter heavy wall auger tubes for extra strength to do the tough mixing jobs
- ◆ Ledger with shear bar for the harder-to-mix rations
- ◆ Heavy duty bearings on the drive end of all augers provide for years of trouble-free operation.
- ◆ External grease banks for all bearings (drive & discharge)
- ◆ Rear oil bath drive compartment lets all chains and sprockets run in oil
- ◆ Planetary gear reduction to add simplicity and reduce input H.P. requirements
- ◆ Trailer models equipped with adjustable and replaceable hitch assembly
- ◆ Rear bumper for added protection against damage
- ◆ Rear light kit
- ◆ Safety chains
- ◆ Re-capped truck tires
- ◆ All come complete with a 4 point, basic read up, read down Digi-Star electronic scale systems (stationary models are available without scales)

## OPTIONS



- ◆ Various different electronic scale indicators and options
- ◆ Remote indicator and remote zeroing capabilities
- ◆ Rear wireless camera
- ◆ Hydraulic raise and lower discharge chute
- ◆ Special discharge lengths
- ◆ Hydraulic flap on discharge chute
- ◆ Manual flap on discharge chute
- ◆ Magnet in discharge flap
- ◆ Aircraft tires
- ◆ Stainless steel liners (complete to within 12" of top, or under the augers only)
- ◆ Electric diverter valve for tractors with only one set of remotes
- ◆ Upgrade to various electronic scale indicators and accessories

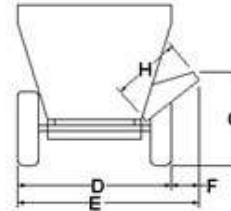
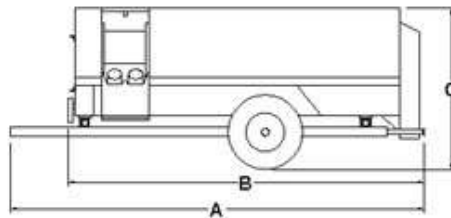
**Helm Welding (1983) Limited**

MODEL SIZE	4260	4310	4360	4410	4440	4500	4550	4625	4750	4900
<b>Base Mixing Capacity (cubic feet)</b>	<b>260</b>	<b>310</b>	<b>360</b>	<b>410</b>	<b>440</b>	<b>500</b>	<b>550</b>	<b>625</b>	<b>750</b>	<b>900</b>
A – Overall Length	190	214	238	238	244	268	248	272	272	320
B – Min. Less Hitch	148	172	196	196	202	226	206	230	230	278
C – Overall Height	87	87	90	96	100	100	112	112	118	122
D – Tread Width	81	81	81	81	94	94	106	106	106	101
E – Min. – Max.	99 – 102	99 – 102	100 1/2 – 104 1/2	100 1/2 – 104 1/2	118 - 124	118 - 124	121 - 127	121 - 127	121 - 127	121 - 127
F – Min. – Max.	18 – 21	18 – 21	19 – 23	19 – 23	18 - 24	18 - 24	18 - 24	18 - 24	18 - 24	18 - 24
G – Min. – Max.	26 – 42	26 – 42	30 – 48	30 – 48	30 - 48	30 - 48	30 - 48	30 - 48	30 - 48	30 - 48
Hopper Size	84 x 120	84 x 144	84 x 168	84 x 168	84 x 168	84 x 192	87 x 168	87 x 192	96 x 192	96 x 240
H – Discharge Length	36	36	42	42	42	42	42	42	42	42
<b>Bottom Augers</b>										
- tube	5 x 1/2	5 x 1/2	6 5/8 x 1/2	6 5/8 x 1/2	8 5/8 x 1/2	8 5/8 x 1/2	8 5/8 x 1/2	8 5/8 x 1/2	8 5/8 x 1/2	10 3/4 x 1/2
- flighting	3/8 & 1/2	3/8 & 1/2	3/8 & 1/2	3/8 & 1/2	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	3/4
- diameter	20	20	20	20	24	24	30	30	30	30
<b>Top Augers</b>										
- tube	4 1/2 x 3/8	4 1/2 x 3/8	5 x 1/2	5 x 1/2	6 5/8 x 1/2	6 5/8 x 1/2	6 5/8 x 1/2	6 5/8 x 1/2	6 5/8 x 1/2	8 5/8 x 1/2
- flighting	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2
- diameter	20	20	20	20	24	24	28	28	28	30
<b>Shaft Diameter</b>										
- drive bottom	3	3	3	3 7/16	3 15/16	3 15/16	3 15/16	3 15/16	3 15/16	3 15/16
- drive top	2 1/2	2 1/2	2 1/2	3	3	3	3	3	3 7/16	3 7/16
Bearings Drive	QM	QM	QM	QM	SFCW	SFCW	SFCW	SFCW	SFCW	SFCW
Sprockets Drive	S Taper	S Taper	S Taper	S Taper	S Taper	S Taper	S Taper	S Taper	S Taper	S Taper
Tires	11 or 12R 22.5	11 or 12R 22.5	385/65R 22.5	385/65R 22.5	425/65R 22.5	425/65R 22.5	425/65R 22.5	425/65R 22.5	425/65R 22.5*	385/65R 22.5 (x4)**
Roller Chains	80-120	80-120	80-120	80H-120	100 - 140	100 - 140	100 - 160	100 - 160	100 - 160	120 - 160
Approx. Weight (lbs.)	8,600	9,750	11,150	11,250	14,000	15,200	18,000	20,940	23,500	26,540

Unless otherwise indicated, all dimensions are in inches and pounds with standard equipment installed.  
 Specifications subject to change without notice.  
 Certain features shown may be optional.

\*Model 4750 available with tandem axle

\*\*Model 4900 standard tandem axle



<b>All Horizontal Models</b>	
Hopper Bottom - (thickness)	1/4 double
Hopper Ends - bottom	1/4
- top	10 gauge
Hopper Sides - bottom	1/4
- top	10 gauge