



HORIZONTAL MIXER FEEDERS

Truck Mount

STANDARD FEATURES



- ◆ Four auger mixing system
- ◆ Ledger with shear bar for the harder-to-mix rations
- ◆ 3 auger discharge on models 4500, 4550, 4750 & 4900
- ◆ External grease banks on all drive and discharge bearings
- ◆ Rear oil bath drive compartment lets all chains and sprockets run in oil
- ◆ Large diameter augers with 5/8" and 3/8" thick flighting (3/4" on 4900 model)
- ◆ Planetary gear reduction to add simplicity and reduce input H.P. requirements
- ◆ All come complete with a Digi-Star basic read up, read down electronic scale system
- ◆ Heavy duty SFCW flanged block bearings on the drive end of all augers, equipped with special seals and covers, provide for years of trouble-free operation
- ◆ Large diameter heavy wall auger tubes for extra strength to do the tough mixing jobs
- ◆ All sprockets on the main drive system equipped with S-Taper hubs for ease of maintenance

OPTIONS



- ◆ Magnet in discharge flap
- ◆ PTO or Hydrostatic drive
- ◆ Special discharge lengths
- ◆ Stainless steel liner and augers
- ◆ Manual flap on discharge chute
- ◆ Hydraulic flap on discharge chute
- ◆ Hydraulic raise and lower discharge chute
- ◆ Many other options available upon request
- ◆ Remote indicator and remote zeroing capabilities
- ◆ Choice of various different electronic scale indicators

Helm Welding (1983) Limited

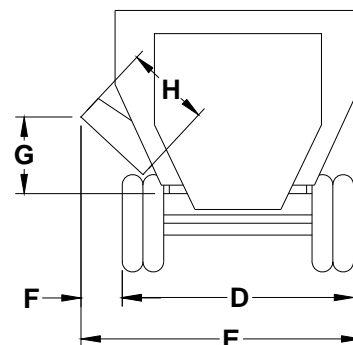
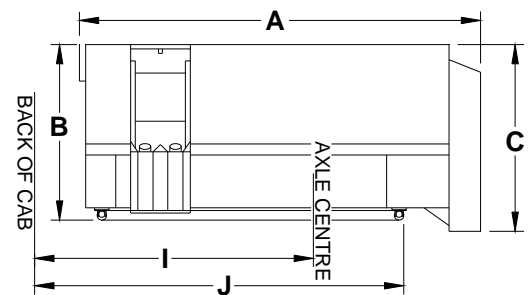
MODEL SIZE	4440	4500	4550	4625	4750	4900
Base Mixing Capacity (cubic feet)	440	500	550	625	750	900
A – Overall Length	195 1/2	219 1/2	195 1/2	219 1/2	219 1/2	267 1/2
B – Mixer Height	72 1/2	72 1/2	81 1/2	81 1/2	87 1/2	87 1/2
C – Overall Height	79	79	90	90	96	96
D – Tread Width	96	96	96	96	96	96
E – Min. – Max.	114 – 117	114 – 117	118 – 121	118 – 121	120 – 123	120 – 123
F – Min. – Max.	18 – 21	18 – 21	22 – 25	22 – 25	22 – 25	22 – 25
G – Min. – Max.	12 – 27	12 – 27	12 – 27	12 – 27	12 – 27	12 – 27
H – Discharge Length	36	36	36	36	36	36
I – Cab to Axle Min.	*125 / **103	*147 / **127	*125 / **106	**130	**130	**164
J – Cab to Frame Min.	*158 / **158	*180 / **180	*158 / **158	**180	**180	**226
Hopper Size	84x168	84x192	87x168	87x192	96x192	96x240
Bottom Augers						
- tube	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	10 3/4
- flighting	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	1/2 & 5/8	3/4
- diameter	24	24	30	30	30	30
Top Augers						
- tube	6 5/8	6 5/8	6 5/8	6 5/8	6 5/8	8 5/8
- flighting	3/8	3/8	3/8	3/8	3/8	1/2
- diameter	24	24	28	28	28	30
Shaft Diameter						
- drive bottom	3 15/16	3 15/16	3 15/16	3 15/16	3 15/16	3 15/16
- drive top	3	3	3	3	3 7/16	3 7/16
Bearings Drive	SFCW	SFCW	SFCW	SFCW	SFCW	SFCW
Sprockets Drive	S Taper	S Taper	S Taper	S Taper	S Taper	S Taper
Scale System	4 Point	4 Point	4 Point	4 Point	4 Point	4 Point
Roller Chains	100-140	100-140	100-160	100-160	100-160H	120 – 160H
Approx. Weight (lbs.)	12,700	13,800	16,500	19,400	20,200	24,500

*single axle **double axle

Unless otherwise indicated, all dimensions are in inches with standard equipment installed.

Specifications subject to change without notice.

Certain features shown may be optional.



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