



Solar Feeders Products



Model #	SF 2500 / 2500ST	SF 1000 / 1000ST	SF 1000G / 1000GST
Livestock type	Cattle	Cattle, goats, sheep and deer	Goats
Price (FOB Rogers, AR)	Please call us	Please call us	Please call us
Shipping charge	varies	varies	varies
Local pick up available	Rogers, AR	Rogers, AR	Rogers, AR
Feed flow vibrating motor	Vibco 3.0 amp DC, 12-V 4000 RPM	Vibco 3.0 amp DC, 12-V 4000 RPM	Vibco 3.0 amp DC, 12-V 4000 RPM
Linear feet of bunk space	32 feet (384 inches)	24 feet (288 inches)	24 feet (288 inches)
Capacity (estimated)			
Calves - creep (12 in/head)	32	24	n/a
Calves & Yearlings 350-700 lbs. (12-18 in/head)	20-30	16-24	n/a
Cattle - finishing (18-22 in/head)	20	15	n/a
Cattle - cows (18-30 in/head)	15-20	12-15	n/a
Goats/sheep (8-16 in/head)	n/a	18-36	18-36
Feed bin capacity	2,500 lbs	1,000 lbs	1,000 lbs
Ave feed flow at 2" gap setting (mixed creep)	9-12 lbs/second	9-12 lbs/second	9-12 lbs/second
Top feed access opening dimensions	23 1/2 inches x 60 inches	17 inches x 40 inches	17 inches x 40 inches
Feed bin construction	14-gauge 304 stainless steel	14-gauge 304 stainless steel	14-gauge 304 stainless steel
Upper & Lower feed troughs construction	14-gauge stainless steel	14-gauge stainless steel	14-gauge stainless steel
Feed trough dimensions (each side)			
Length (trough lip to trough lip)	96 inches	72 inches	72 inches
Width (outer lip to side of bin)	18 inches	16 inches	16 inches
Depth (top of lip to feeding surface)	4 inches	4 inches	4 inches
Height (ground level to top of trough lip)	24 inches	24 inches	24 inches
Head clearance between trough and guard	n/a	n/a	6.5 inches w/3 lower settings
Outside panels construction	14-gauge powder coated steel	14-gauge powder coated steel	14-gauge powder coated steel
Battery type	12-V	12-V	12-V
Spinner motor (100 RPM)	Allied Motion 12-V Right Angle Gear Motor	Allied Motion 12-V Right Angle Gear Motor	Allied Motion 12-V Right Angle Gear Motor
Spinner adjustment range	3 1/2 inches	3 1/2 inches	3 1/2 inches
Spinner shaft set screw	3/16 inch Allen	3/16 inch Allen	3/16 inch Allen
Number of spinners	1	1	1
Trailer brakes	No	No	No
Highway lighting	Rear reflectors / NA	Rear reflectors	Rear reflectors
Size and type of hitch	2 inch ball hitch / NA	2 inch ball hitch	2 inch ball hitch
Tires	Wheels: 15" w/5 on 5" bolt circle Tire size: ST205/75R-15	Wheels: 15" w/5 on 4.50" bolt circle Tire size: ST205/75R-15	Wheels: 15" w/5 on 4.50" bolt circle Tire size: ST205/75R-15
Color	Green	Green	Green
Transit feed loss prevention	Feed shut-off handle	Feed shut-off handle	Feed shut-off handle
Stability and tipping prevention	Adjustable stabilizing legs / Fixed legs	Adjustable stabilizing legs	Adjustable stabilizing legs
Snap pin for stabilizer legs & feed door	Snap Safety Pin, Square 2 Wire 3/8x3, G.L. Huyett - https://www.huyett.com/snap-375-3000s		
Limited warranty (materials & workmanship)	1 year	1 year	1 year
Weight empty (lbs.)	1,250 / 1,150	800	875
Exterior height	94 inches	80 inches	80 inches
Exterior width	96 inches	72 inches	72 inches
Exterior length (hitch removed) Add 3 in for stabilizing legs when hauling	96 inches	72 inches	72 inches
2500 ST hauling specs (trailer floor needs to be min 76 in wide and side railings less than 21 in)	Outside width btwn legs = 70 in Trough width = 96 in Trough ground clearance = 21 in	n/a	n/a

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