

# GSI Bulk Pellet Storage Silos

Provided by Biomass Commodities

- Galvanized steel construction
- Ground controlled, watertight bin cap
- Pneumatic + boom auger fill options provided
- Supplied fully constructed
- Integrates with BCC's pellet conveyance
- Various size options available:

Volume (Tons)*	Diameter (Ft)	Volume (Cu. Ft.)	Height (Ft./In.)		For Boiler Sizes (Btu):		
3.4	7	170	9'	10"	-	to	150,000
5.4	7	272	12'	6"	-	to	150,000
7.5	7	373	15'	2"	-	to	150,000
9.5	7	475	17'	10"	150,000	to	250,000
9.7	9	483	14'	2"	150,000	to	250,000
11.5	7	576	20'	6"	150,000	to	250,000
13.0	9	651	16'	10"	250,000	to	450,000
13.6	7	678	23'	2"	250,000	to	450,000
16.4	9	818	19'	6"	250,000	to	450,000
18.9	12	947	16'	9"	450,000	to	750,000
19.7	9	986	22'	2"	450,000	to	750,000
23.1	9	1154	24'	10"	450,000	to	750,000
24.9	12	1245	19'	5"	450,000	to	750,000
26.4	9	1322	27'	4"	750,000	to	1,500,000
30.9	12	1544	22'	1"	750,000	to	1,500,000
32.3	15	1617	19'	1"	750,000	to	1,500,000
36.8	12	1842	24'	8"	1,500,000	to	2,500,000
41.7	15	2084	21'	9"	1,500,000	to	2,500,000
42.8	12	2141	27'	5"	1,500,000	to	2,500,000
48.8	12	2439	30'	2"	1,500,001	to	2,500,001
50.5	18	2527	21'	6"	1,500,000	to	2,500,000
51.0	15	2550	24'	5"	1,500,000	to	2,500,000
64.0	18	3198	24'	2"	2,500,000	to	-
74.2	21	3709	23'	9"	2,500,000	to	-

\*assuming 100% fill capacity and wood pellets at 40 lbs/cu ft

- Concrete pads are required for installation, square, 2' greater than silo diameter, minimum 14" thick, reinforced.
- Silos should be located to eliminate any bends in fuel conveyance runs to boiler.
- Conveyance runs can sweep 15° in 5 ft sections.
- Silos unloaders can be below grade for conveyance into subterranean boiler rooms. *\*Straight runs only, requires 4' well tile.*



### Drip Lip

GSI's drip lip water deflection system is a one-of-a-kind, roll-formed bottom sheet edge which forces water away from the hopper and lower boot area. Complete weather protection without a loss in capacity.



### Secure Access

Only GSI feed tanks feature the exclusive, patented Auto-Lok ground control access system for opening, closing and latching the fill cap safely and easily from the ground. Our cap system comes completely factory assembled, saving significant time and trouble in installation.

