RRP STEELS PVT. LTD.

STEEL & STORAGE SOLUTION



STEEL & STORAGE SOLUTION

AN ISO 9001:2015 & 14001:2015 CERTIFIED COMPANY

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CIN: U25999HR2024TC121138



Silos are used for storage of Grains like Paddy, Maize, Rice, Broken rice etc. The old way of storage in godown becomes obsolete as there was a lots of problems like grain spoilage, pests, and Mold.
In the current scenario when the technology is achieving new records day by day, the storage of grains also being modernized in Zincalume/GI Silos.
We manufacture the Grain storage silos in Both Zincalume & GI material. Both the material is used by us are from reputed brands TATA BLUE SCOPE & JSW. Our silos have dynamic designing while considering the Seismic zone, Wind load, Material Density and many other factors.

Our Zincalume Grain Storage Silos are the solution you need! Here's why:

•**Preserve Grain Quality**: Our silos protect your grain from moisture, pests, and Mold, ensuring optimal quality and market value.

Flat Bottom capacity ranges- 500 MT to 12500MT
Hopper Bottom capacity ranges- 10 MT to 500MT

Design Code:- ANSI-ASAE EP 433:88 REV 2006, DIN 1055-4 2005-03
Steel Standard:- AS 1397, ASTM A792 M, ISO 9364, IS 15961, IS227, IS 513, IS 2062

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Bapu Asharam Ashram Road, Faridabad-121004, Haryana

•**Maximize Storage Space**: Our silos offer high storage capacity, reducing the need for multiple storage units and saving valuable space.



•**Efficient Loading/Unloading**: Our silos feature easy and efficient loading/unloading systems, reducing labor costs (using elevators conveyers and grain handling systems) and minimizing grain damage.

•**Durability**: Our zincalume/GI silos are corrosion-resistant and built to last, withstanding harsh weather conditions and ensuring long-term reliability.

•**Cost Savings**: By reducing grain spoilage and increasing efficiency, our silos help you save money and boost profitability.

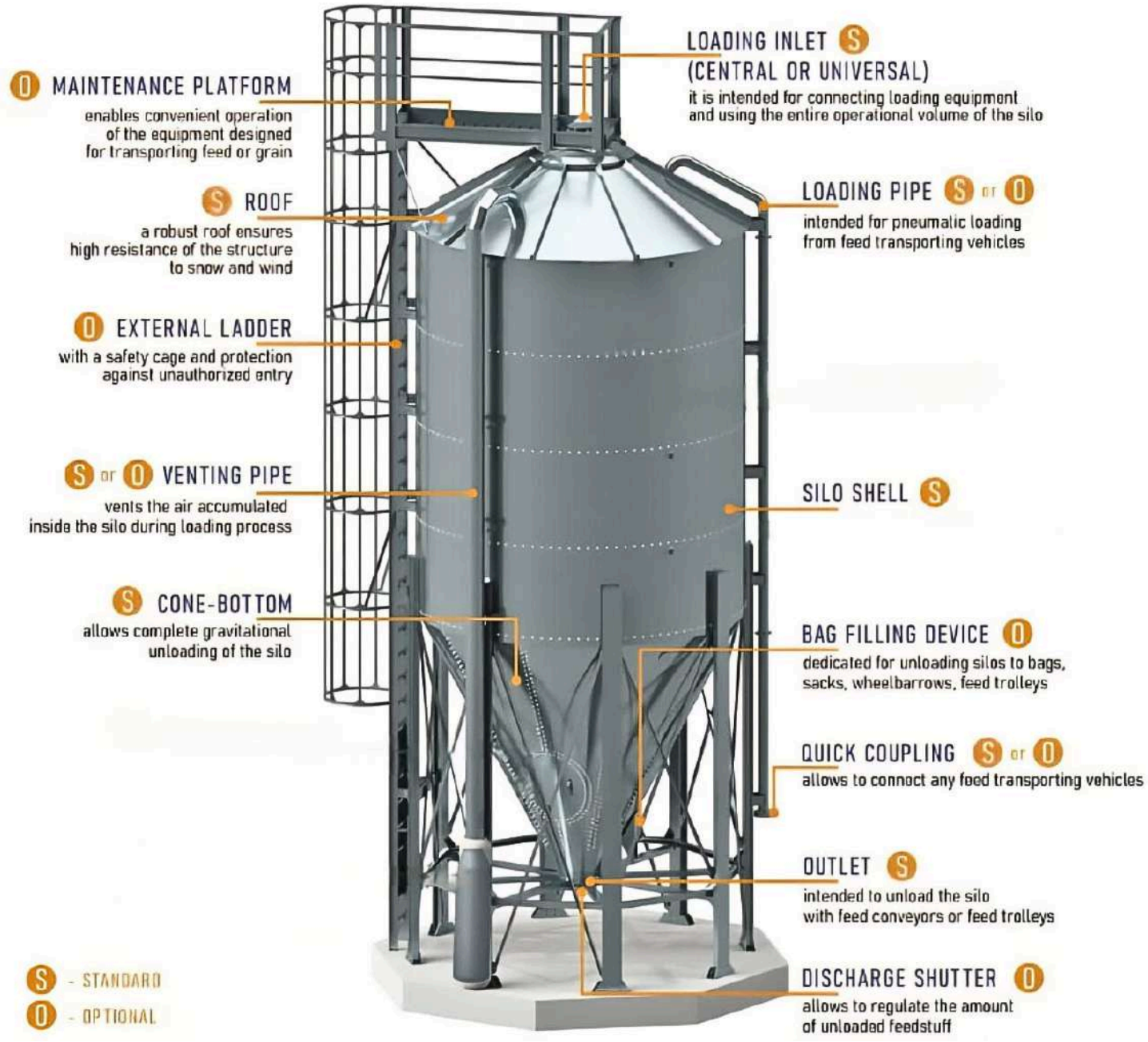
We supply two types of Silos:

1. HOPPER BOTTOM SILO
2. FLAT BOTTOM SILO

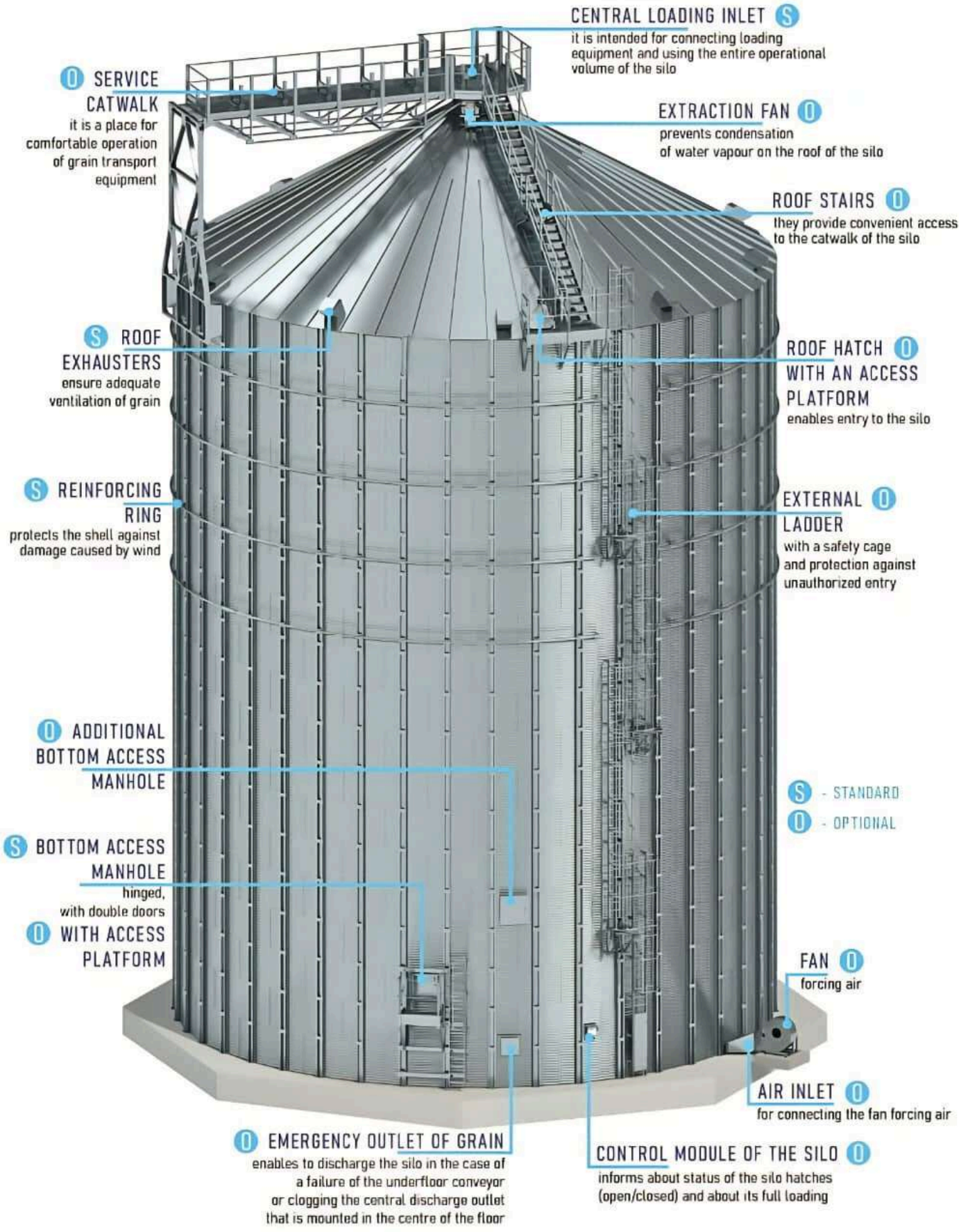




HOPPER BOTTOM SILO: Hopper bottom silos are conical shape steel structure to provide storage, The design of hopper bottom silos ensures that the stored grain is kept in good condition, as it is protected from moisture, pests, and Mold. The conical shape of the bottom of the silo allows for the grain to be easily unloaded, without the need for manual intervention. We recommend to prefer the Hopper bottom silo for capacity range 10 MT to 500 MT, While Hopper bottom silos can be manufactured up to 1000 MT. This is totally made up with Zincalume/GI sheets, tightened with high strength Nut Bolts to provide excellent storage.



FLAT BOTTOM SILO- Flat Bottom Silos are constructed with a flat bottom surface and are designed by advanced technology and can withstand all types of harsh weather conditions. For any type of grain storage above 500 MT capacities, flat bottom silos are manufactured. The corrugated wall sheets are fused to make the desired thicknesses.



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Silo panels are assembled cylindrically on circular purlins and vertical stiffeners with bolts and nuts on the heavy concrete rings with deep civil foundations constructed at the site to fit the size of the grain silos. Proper aeration is an important part of every grain storage system and is essential to maintaining grain quality. Properly operated aeration systems can save your money, control insect infestation and moisture migration, and reduce grain spoilage.







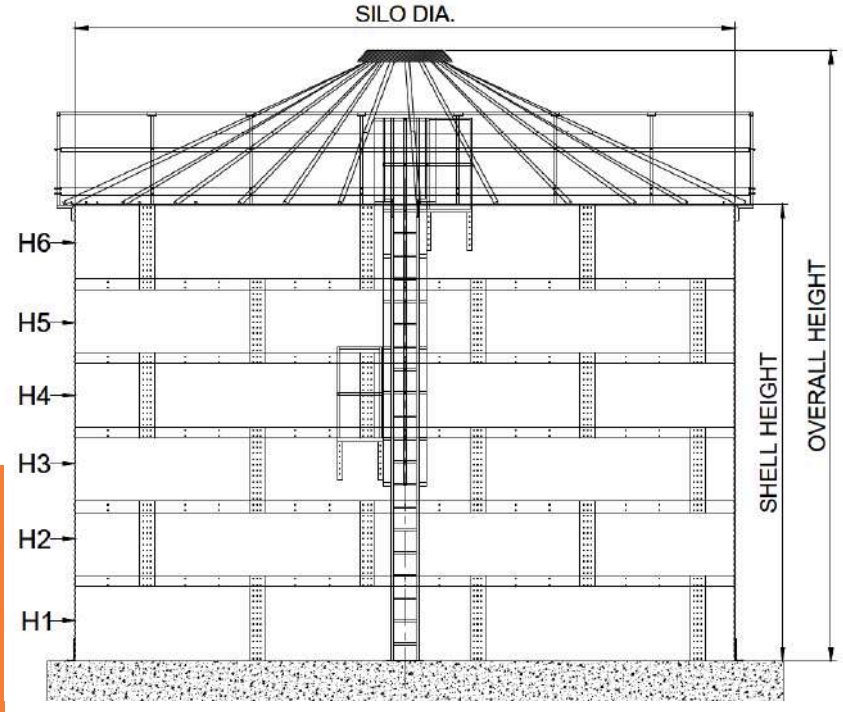
NO. OF RINGS		H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	H-12	H-13	H-14	H-15	H-16	H-17	H-18	H-19	H-20
CYL. SHELL HT.		2.17	3.22	4.27	5.32	6.37	7.42	8.47	9.52	10.57	11.62	12.67	13.72	14.77	15.82	16.87	17.92	18.97	20.02	21.07
SILO DIA.	FLAT BOTTOM SILO VOLUME IN CU. M.																			
9.07	SILO VOL.	130.8	198.6	266.3	334.1	401.9	469.6	537.4	605.2	672.9	740.7	808.5	876.2	944.0	1011.8	1079.5	1147.3	1215.1	1282.8	1350.6
	OVERALL HT.	4.6	5.6	6.7	7.7	8.8	9.8	10.9	11.9	13.0	14.0	15.1	16.1	17.2	18.2	19.3	20.3	21.4	22.4	23.5
9.98	FBS VOL.	222.9	304.9	386.9	469.0	551.0	633.0	715.0	797.0	879.0	961.0	1043.0	1125.1	1207.1	1289.1	1371.1	1453.1	1535.1	1617.1	1699.2
	FBS HT.	4.8	5.9	6.9	8.0	9.0	10.1	11.1	12.2	13.2	14.3	15.3	16.4	17.4	18.5	19.5	20.6	21.6	22.7	23.7
10.88	FBS VOL.	272.8	370.4	468.0	565.7	663.3	760.9	858.5	956.1	1053.7	1151.4	1249.0	1346.6	1444.2	1541.8	1639.5	1737.1	1834.7	1932.3	2029.9
	FBS HT.	5.1	6.1	7.2	8.2	9.3	10.3	11.4	12.4	13.5	14.5	15.6	16.6	17.7	18.7	19.8	20.8	21.9	22.9	24.0
11.79	FBS VOL.	329.0	443.6	558.1	672.7	787.3	901.9	1016.5	1131.0	1245.6	1360.2	1474.8	1589.4	1703.9	1818.5	1933.1	2047.7	2162.3	2276.8	2391.4
	FBS HT.	5.3	6.4	7.4	8.5	9.5	10.6	11.6	12.7	13.7	14.8	15.8	16.9	17.9	19.0	20.0	21.1	22.1	23.2	24.2
12.70	FBS VOL.	391.8	524.7	657.6	790.5	923.4	1056.3	1189.2	1322.1	1455.0	1587.9	1720.8	1853.7	1986.6	2119.5	2252.4	2385.3	2518.2	2651.1	2784.0
	FBS HT.	5.5	6.6	7.6	8.7	9.7	10.8	11.8	12.9	13.9	15.0	16.0	17.1	18.1	19.2	20.2	21.3	22.3	23.4	24.4
13.61	FBS VOL.	461.5	614.0	766.6	919.2	1071.8	1071.8	1376.9	1529.5	1682.1	1834.7	1987.2	2139.8	2292.4	2445.0	2597.6	2750.1	2902.7	3055.3	3207.9
	FBS HT.	5.8	6.8	7.9	8.9	10.0	11.0	12.1	13.1	14.2	15.2	16.3	17.3	18.4	19.4	20.5	21.5	22.6	23.6	24.7
14.51	FBS VOL.	538.4	712.0	885.6	1059.2	1232.8	1232.8	1580.1	1753.7	1927.3	2100.9	2274.5	2448.1	2621.8	2795.4	2969.0	3142.6	3316.2	3489.8	3663.5
	FBS HT.	6.0	7.1	8.1	9.2	10.2	11.3	12.3	13.4	14.4	15.5	16.5	17.6	18.6	19.7	20.7	21.8	22.8	23.9	24.9
15.42	FBS VOL.	622.8	818.9	1014.9	1210.9	1406.9	1602.9	1798.9	1994.9	2190.9	2386.9	2582.9	2778.9	2975.0	3171.0	3367.0	3563.0	3759.0	3955.0	4151.0
	FBS HT.	6.3	7.3	8.4	9.4	10.5	11.5	12.6	13.6	14.7	15.7	16.8	17.8	18.9	19.9	21.0	22.0	23.1	24.1	25.2
16.33	FBS VOL.	715.2	934.9	1154.7	1374.4	1594.2	1814.0	2033.7	2253.5	2473.3	2693.0	2912.8	3132.5	3352.3	3572.1	3791.8	4011.6	4231.3	4451.1	4670.9
	FBS HT.	6.5	7.6	8.6	9.7	10.7	11.8	12.8	13.9	14.9	16.0	17.0	18.1	19.1	20.2	21.2	22.3	23.3	24.4	25.4
17.24	FBS VOL.	815.6	1060.5	1305.4	1550.2	1795.1	2040.0	2284.9	2529.7	2774.6	3019.5	3264.4	3509.2	3754.1	3999.0	4243.8	4488.7	4733.6	4978.5	5223.3
	FBS HT.	6.8	7.8	8.9	9.9	11.0	12.0	13.1	14.1	15.2	16.2	17.3	18.3	19.4	20.4	21.5	22.5	23.6	24.6	25.7
18.14	FBS VOL.	924.6	1195.9	1467.3	1738.6	2009.9	2281.3	2552.6	2824.0	3095.3	3366.6	3638.0	3909.3	4180.7	4452.0	4723.4	4994.7	5266.0	5537.4	5808.7
	FBS HT.	7.0	8.0	9.1	10.1	11.2	12.2	13.3	14.3	15.4	16.4	17.5	18.5	19.6	20.6	21.7	22.7	23.8	24.8	25.9
19.05	FBS VOL.	1042.3	1341.5	1640.7	1939.8	2239.0	2538.2	2837.3	3136.5	3435.7	3734.8	4034.0	4333.2	4632.3	4931.5	5230.7	5529.8	5829.0	6128.2	6427.3
	FBS HT.	7.2	8.3	9.3	10.4	11.4	12.5	13.5	14.6	15.6	16.7	17.7	18.8	19.8	20.9	21.9	23.0	24.0	25.1	26.1
19.96	FBS VOL.	6135.7	1497.5	1825.9	2154.2	2482.6	2810.9	3139.3	3467.6	3796.0	4124.3	4452.7	4781.0	5109.4	5437.7	5766.1	6094.4	6422.8	6751.1	7079.5
	FBS HT.	7.5	8.5	9.6	10.6	11.7	12.7	13.8	14.8	15.9	16.9	18.0	19.0	20.1	21.1	22.2	23.2	24.3	25.3	26.4
20.87	FBS VOL.	1305.4	1664.3	2023.2	2382.1	2741.0	3099.9	3458.8	3817.7	4176.6	4535.4	4894.3	5253.2	5612.1	5971.0	6329.9	6688.8	7047.7	7406.6	7765.5
	FBS HT.	7.7	8.8	9.8	10.9	11.9	13.0	14.0	15.1	16.1	17.2	18.2	19.3	20.3	21.4	22.4	23.5	24.5	25.6	26.6
21.77	FBS VOL.	1451.4	1842.2	2233.0	2623.7	3014.5	3405.3	3796.1	4186.9	4577.7	4968.5	5359.3	5750.1	6140.9	6531.7	6922.5	7313.3	7704.1	8094.9	8485.7
	FBS HT.	8.0	9.0	10.1	11.1	12.2	13.2	14.3	15.3	16.4	17.4	18.5	19.5	20.6	21.6	22.7	23.7	24.8	25.8	26.9
22.68	FBS VOL.	1607.4	2031.4	2455.5	2879.5	3303.6	3727.6	4151.7	4575.7	4999.8	5423.9	5847.9	6272.0	6696.0	7120.1	7544.1	7968.2	8392.2	8816.3	9240.3
	FBS HT.	8.2	9.3	10.3	11.4	12.4	13.5	14.5	15.6	16.6	17.7	18.7	19.8	20.8	21.9	22.9	24.0	25.0	26.1	27.1
23.59	FBS VOL.	1773.7	2232.4	2691.1	3149.7	3608.4	4067.1	4525.7	4984.4	5443.1	5901.8	6360.4	6819.1	7277.8	7736.4	8195.1	8653.8	9112.5	9571.1	10029.8
	FBS HT.	8.4	9.5	10.5	11.6	12.6	13.7	14.7	15.8	16.8	17.9	18.9	20.0	21.0	22.1	23.1	24.2	25.2	26.3	27.3
24.50	FBS VOL.	1950.7	2445.4	2940.0	3434.7	3929.3	4424.0	4918.6	5413.2	5907.9	6402.5	6897.2	7391.8	7886.5	8381.1	8875.8	9370.4	9865.1	10359.7	10854.4
	FBS HT.	8.7	9.7	10.8	11.8	12.9	13.9	15.0	16.0	17.1	18.1	19.2	20.2	21.3	22.3	23.4	24.4	25.5	26.5	27.6
25.40	FBS VOL.	2138.7	2670.7	3202.7	3734.6	4266.6	4798.6	5330.6	5862.6	6394.5	6926.5	7458.5	7990.5	8522.5	9054.4	9586.4	10118.4	10650.4	11182.4	11714.3
	FBS HT.	8.9	10.0	11.0	12.1	13.1	14.2	15.2	16.3	17.3	18.4	19.4	20.5	21.5	22.6	23.6	24.7	25.7	26.8	27.8
26.31	FBS VOL.	2338.0	2908.6	3479.3	4050.0	4620.6	5191.3	5762.0	6332.7	6903.3	7474.0	8044.7	8615.3	9186.0	9756.7	10327.4	10898.0	11468.7	12039.4	12610.0
	FBS HT.	9.2	10.2	11.3	12.3	13.4	14.4	15.5	16.5	17.6	18.6	19.7	20.7	21.8	22.8	23.9	24.9	26.0	27.0	28.1
27.22	FBS VOL.	2548.8	3159.5	3770.3	4381.0	4991.7	5602.4	6213.1	6823.9	7434.6	8045.3	8656.0	9266.7	9877.5	10488.2	11098.9	11709.6	12320.3	12931.1	13541.8
	FBS HT.	9.4	10.5	11.5	12.6	13.6	14.7	15.7	16.8	17.8	18.9	19.9	21.0	22.0	23.1	24.1	25.2	26.2	27.3	28.3
28.13	FBS VOL.	2771.6	3423.7	4075.8	4728.0	5380.1	6032.2	6684.4	7336.5	7988.6	8640.7	9292.9	9945.0	10597.1	11249.2	11901.4	12553.5	13205.6	13857.8	14509.9
	FBS HT.	9.6	10.7	11.7	12.8	13.8	14.9	15.9	17.0	18.0	19.1	20.1	21.2	22.2	23.3	24.3	25.4	26.4	27.5	28.5
29.04	FBS VOL.	3006.6	3701.5	4396.4	5091.3	5786.1	6481.0	7175.9	7870.8	8565.7	9260.6	9955.5	10650.4	11345.3	12040.2	12735.1	13430.0	14124.9	14819.8	15514.6
	FBS HT.	9.9	10.9	12.0	13.0	14.1	15.1	16.2	17.2	18.3	19.3	20.4	21.4	22.5	23.5	24.6	25.6	26.7	27.7	28.8

These dimensions are customizable as per clients requirement

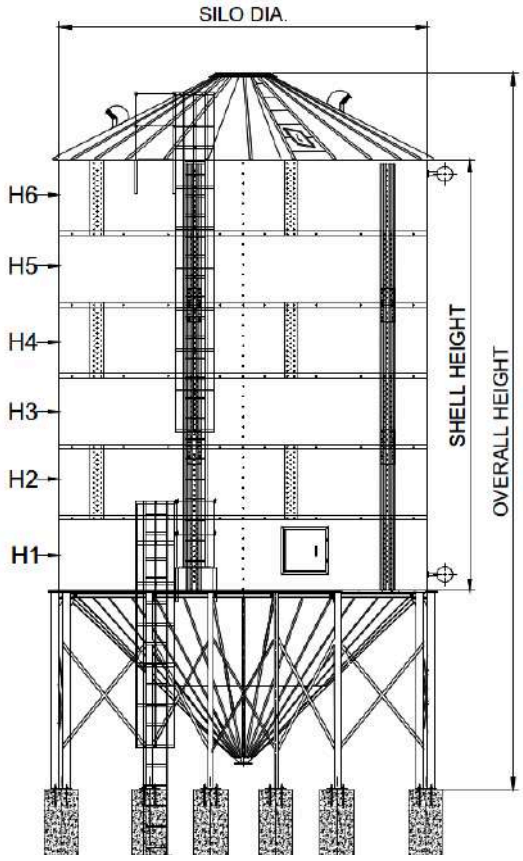
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NO. OF RINGS		H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	H-12	H-13	H-14
CYL. SHELL HT.		2.17	3.22	4.27	5.32	6.37	7.42	8.47	9.52	10.57	11.62	12.67	13.72	14.77
SILO DIA.	HOPPPER SILO VOLUME IN CU. M.													
3.62	SILO VOL.	29.8	40.6	51.4	62.2	73.0	83.8	94.6	105.4	116.2	127.0	137.8	148.7	159.5
	OVERALL HT.	5.9	7.0	8.0	9.1	10.1	11.2	12.2	13.3	14.3	15.4	16.4	17.5	18.5
4.53	SILO VOL.	50.4	67.3	84.2	101.2	118.1	135.0	151.9	168.8	185.8	202.7	219.6	236.5	253.5
	OVERALL HT.	6.6	7.7	8.7	9.8	10.8	11.9	12.9	14.0	15.0	16.1	17.1	18.2	19.2
5.44	SILO VOL.	78.1	102.5	126.9	151.3	175.7	200.1	224.5	248.9	273.3	297.7	322.1	346.5	370.9
	OVERALL HT.	7.3	8.4	9.4	10.5	11.5	12.6	13.6	14.7	15.7	16.8	17.8	18.9	19.9
6.34	SILO VOL.	113.3	146.4	179.6	212.7	245.9	279.0	312.2	345.3	378.5	411.6	444.8	477.9	511.0
	OVERALL HT.	8.0	9.1	10.1	11.2	12.2	13.3	14.3	15.4	16.4	17.5	18.5	19.6	20.6
7.25	SILO VOL.	157.7	201.1	244.4	287.8	331.1	374.4	417.8	461.1	504.5	547.8	591.2	634.5	677.9
	OVERALL HT.	8.7	9.8	10.8	11.9	12.9	14.0	15.0	16.1	17.1	18.2	19.2	20.3	21.3
8.16	SILO VOL.	211.9	266.9	321.8	376.7	431.6	486.5	541.4	596.3	651.2	706.1	761.0	816.0	870.9
	OVERALL HT.	9.4	10.5	11.5	12.6	13.6	14.7	15.7	16.8	17.8	18.9	19.9	21.0	22.0
9.07	SILO VOL.	276.7	344.5	412.3	480.1	547.9	615.7	683.5	751.3	819.1	886.9	954.7	1022.5	1090.3
	OVERALL HT.	10.1	11.2	12.2	13.3	14.3	15.4	16.4	17.5	18.5	19.6	20.6	21.7	22.7
9.98	SILO VOL.	352.9	435.0	517.0	599.1	681.1	763.2	845.2	927.3	1009.3	1091.4	1173.5	1255.5	1337.6
	OVERALL HT.	10.8	11.9	12.9	14.0	15.0	16.1	17.1	18.2	19.2	20.3	21.3	22.4	23.4
10.88	SILO VOL.	441.6	539.3	637.0	734.6	832.3	929.9	1027.6	1125.3	1222.9	1320.6	1418.3	1515.9	1613.6
	OVERALL HT.	11.5	12.6	13.6	14.7	15.7	16.8	17.8	18.9	19.9	21.0	22.0	23.1	24.1
11.79	SILO VOL.	543.7	658.3	772.9	887.6	1002.2	1116.8	1231.5	1346.1	1460.7	1575.4	1690.0	1804.6	1919.3
	OVERALL HT.	12.2	13.2	14.3	15.3	16.4	17.4	18.5	19.5	20.6	21.6	22.7	23.7	24.8
12.70	SILO VOL.	659.9	792.9	925.9	1058.8	1191.8	1324.7	1457.7	1590.7	1723.6	1856.6	1989.6	2122.5	2255.5
	OVERALL HT.	12.9	13.9	15.0	16.0	17.1	18.1	19.2	20.2	21.3	22.3	23.4	24.4	25.5

These dimensions are customizable as per clients requirement



FLAT BOTTOM SILO



HOPPER BOTTOM SILO

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