

ISO : 9001-2015 CERTIFIED COMPANY



COMPLETE FEED MILL SOLUTIONS FOR POULTRY & CATTLE

- ▶ Feed Plants
- ▶ Batching Plants
- ▶ Pellet Mills
- ▶ Shed Automation
- ▶ Hopper Bottom Silos
- ▶ Flat Bottom Silos

ABOUT US

SAI DURGA started a humble beginning in 1993 when it commenced manufacturing Grinders and Excelled in various areas of poultry feed machinery 1 ton capacity plants. SAI DURGA R& D Developed following machinery products continuously Shed Automation Trolley, Medicine Mixers, Belt conveyors, Tractor Tankers, Batching plants, Stoking conveyors, Finished Feed storage Silos, Grains storage silos, Jasma filters, Manure Belt conveyors, Bagging system, etc....

SAI DURGA parallelly developed its Infrastructure and Engineering capabilities, ventured into seeds and grains storage silos upto 5000MT capacity make in India projects. SAI DURGA has its complete team for Design, Manufacturing, Installation and commissioning Over a period of time the company has come a long way and today executed more than 2200 installations in 17 States in INDIA and abroad.

SAI DURGA has supplied Integrated pellet mills in various capacities (junior pellet, senior pellet, super senior) INDIAN MAKE, CHINA MAKE, EUROPE MAKE Machinery.

Our Products:

Page No.

Mile Stones

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Mash Feed Plants

(Per Hour 1 Ton to 8 Tons Capacity)

4-5

Batching Plants :

(2 Bin batching to 14 Bins Batching models 5 Tons to 24 Tons Per Hour Capacity)

6

Pellet Mills :

(2 Ton to 20 Tons Per Hour Capacity)

7

Feed Automotion :

(Feed Trolleys, Auger System, Small Silos)

8

Material Handling Conveyors and Bulk Trucks :

Belt Conveyor, 5-15 Tons Tankers

9

Flat Bottom & Hopper Bottom Silos :

Flat Bottom Upto 5000 Tons & Hopper Bottom upto 300 Tons

10-13

Other Products

(Dust Collector, Medicine Mixer, Twin Shaft Paddle Mixer)

14

Our Clients

15

- ▶ Manufacturing facility of 40,000 sq/ft
- ▶ 24x7 Service Teams,
- ▶ can serve 10 to 15 customers at a time.

MILE STONES



Mash Feed Plants

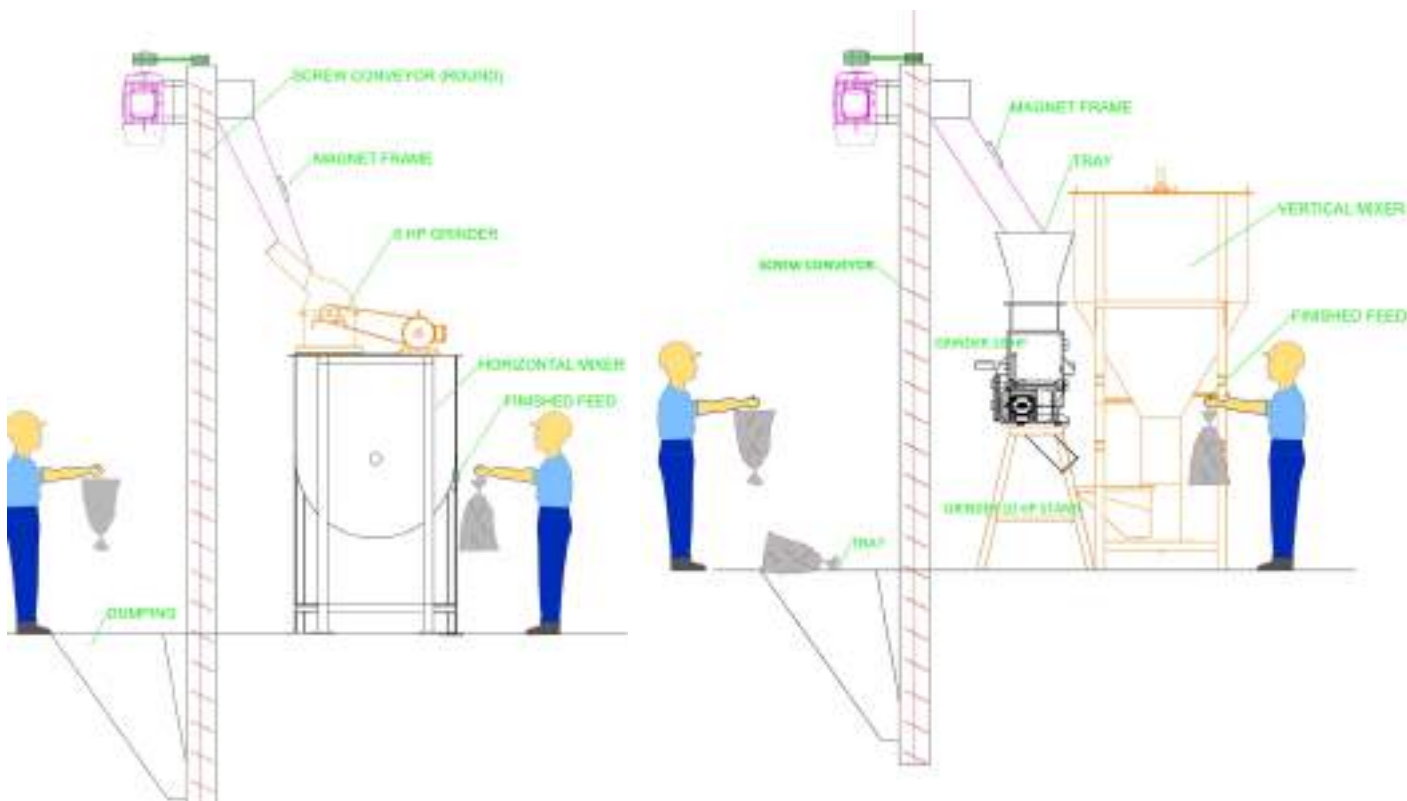
(Per Hour 1 Ton to 4 Tons Capacity)



Single Screen Grinder



Vertical mixers are suitable for 5,000 to 50,000 birds. Designed for small farms.



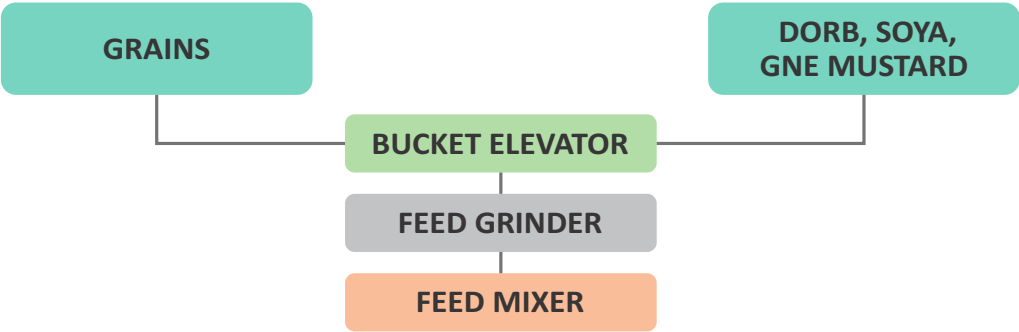
V-TYPE PLANTS

Model	CAPACITY	HP	TYPE	SPECIFICATIONS
Mash SDI-001	1TPH	13	NORMAL	SC05V500
Mash SDI-002	1TPH	13	NORMAL	SC05V1T
Mash SDI-003	2TPH	18	NORMAL	SC10V1T
Mash SDI-004	2TPH	21	NORMAL	SC10SCV1T

H-TYPE PLANTS

CUSTOMIZED MODELS

FLOW CHART



Model	CAPACITY	HP	TYPE	SPECIFICATIONS
Mash SDAT -001	1TPH	18	NORMAL	SC05H500
Mash SDAT -002	1.5TPH	21	NORMAL	05HP SC FULL (500KG)
Mash SDAT -003	2TPH	23	NORMAL	BE10H1T
Mash SDAT -004	2TPH	23	SEMI-AUTO	WBE10H1T
Mash SDAT -005	2-3TPH	26	NORMAL	10 HP SC FULL
Mash SDAT -006	4-5TPH	36	NORMAL	20 HP FULL
Mash SDAT -007	4-5TPH	36	SEMI-AUTO	W20 HP FULL
Mash SDAT -008	5-6TPH	46	STANDARD	30 HP FULL
Mash SDAT -009	5-6TPH	49	SEMI-AUTO	W30 HP RV FULL



Horizontal Mixer (2-3 TPH)
Power - 23hp, Area - 10ft* 10ft * 15ft Height

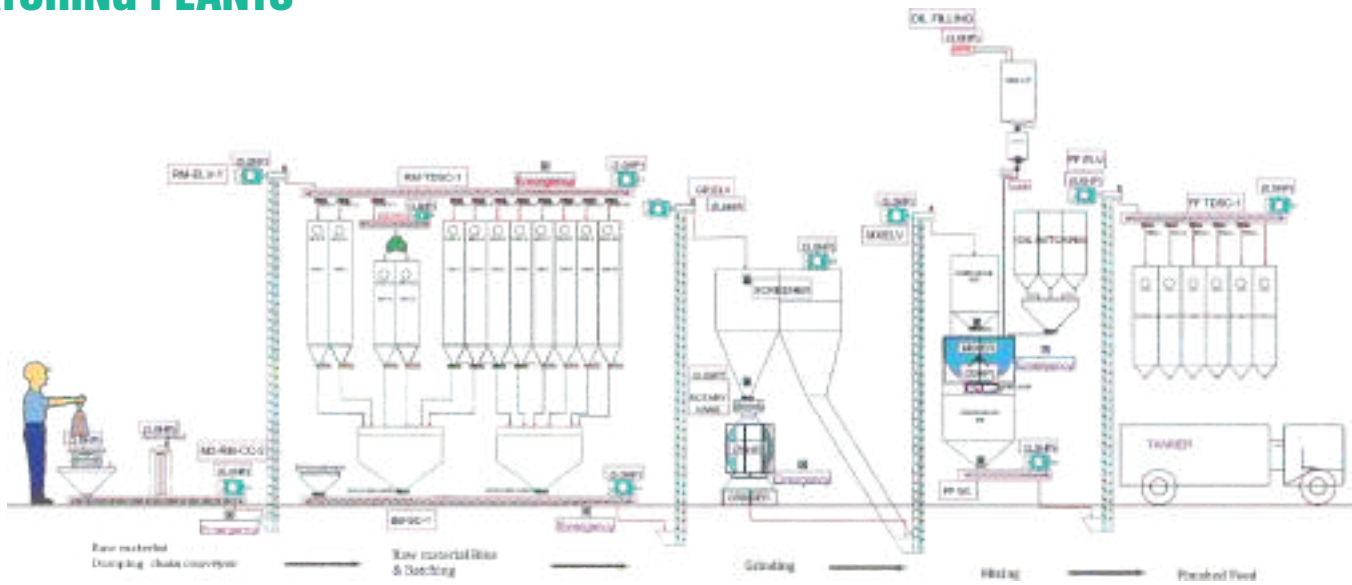


Mini Plant With Weighing Scale
Power - 23hp, Area - 10ft* 10ft * 15ft Height



Full Plant With Horizontal Mixer 4-6 Tons Per hr, power - 36hp. Area - 8ft* 22ft Height

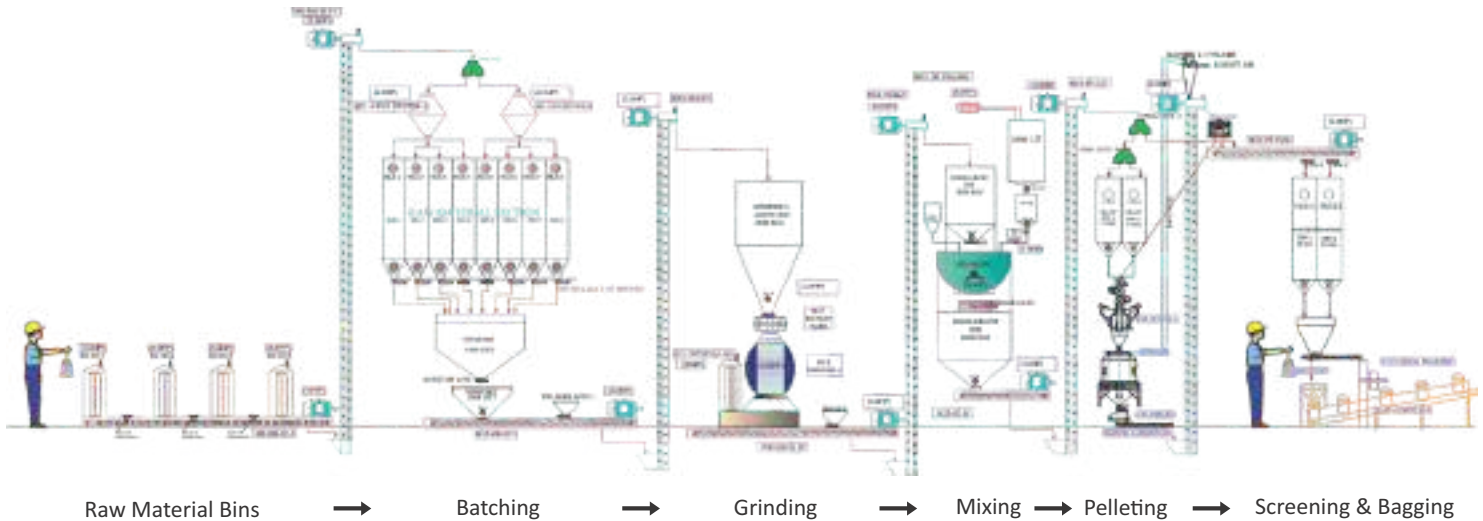
BATCHING PLANTS



- ▶ 10-14 Bins Batching Systems 12 to 16 tons per hour capacity
- ▶ Raw Material 100 / 200 tons Capacity
- ▶ Finished feed 60 / 120 tons capacity



PELLET MILLS



- ▶ Raw Material Bins – 8 Nos, Total Capacity 120 Mt. | • Chain Conveyors for loading and unloading of Silos.
- ▶ Dust Collector Provided for Dumping Pits, Elevators and Raw Material Bins.
- ▶ Batch Bin Hopper Design : Designed With 20mm Corner Radii, to Free Flow Of Material.
- ▶ Providing Spacer Box Below Hoppers For Free Flow of Material to Increase the Accuracy of Weighing.
- ▶ Pellet Mill 4.5mm Pellets, 10 To 12 Tph. | • 185 HP Grinder With Aspiration System.
- ▶ 2 SS Bins for Medicine Mixing, Manual Dumping into Bins. | • Oil Batching For 1kl.
- ▶ Twin Shaft Paddle Mixer for 2mt Capacity. | • Total Structure Height 27 Meters.
- ▶ Pellet Line from ANDRITZ, MUYANG, NAVINDUS.



FEED TROLLEYS

- ▶ Both electrically and manually operated.
- ▶ Electrically operated system has more accuracy and uniform flow.
- ▶ All bins are made of GI sheets.
- ▶ Feed wastage is controlled.
- ▶ Less labour.
- ▶ Feeding can be done within 5-10 minutes.
- ▶ Track is laid throughout the shed length on two platforms with round rod.
- ▶ Low maintenance costs and low power requirements.
- ▶ Feed is conveyed from outside bin to inside bins through auger system without labour involvement.
- ▶ Electrically operated trolleys are most suitable for hatcheries and manually operated silos are suitable for layer farms
- ▶ All bins are made as per standard engineering designs with GI sheets.



FEED TROLLEY



SILO & AUGER SYSTEM



DRIVE PANEL



**TRACTOR TANKER 5-6 TONS CAPACITY
USED FOR CONVEYING FEED**

MATERIAL HANDLING CONVEYORS AND BULK TRUCKS



STOCKING CONVEYORS

- ▶ Used for stacking the bags in the godown
- ▶ Can stack upto 25ft height
- ▶ Sizes of 20ft, 30ft, 40ft and 50ft can be supplied
- ▶ Can save time and labour.



SLAT CONVEYORS

- ▶ Used for loading and unloading the lorries
- ▶ Can convey upto 300ft distance easily
- ▶ Sizes of 20ft, 30ft, 40ft ,50ft and 100ft can be supplied
- ▶ Can save time and labour.



BULK TANKER 15MT CAPACITY (ELECTRICAL)



TANKER 6MT CAPACITY (ELECTRICAL)



BULK TRUCK 15MT CAPACITY

FLAT BOTTOM SILOS

GRAIN STORAGE



SAI DURGA CONTINUOUSLY UPGRADE ITS TECHNOLOGY IN DEVELOPING NEW AUTOMATION EQUIPMENTS FOR THE POULTRY SECTOR.

- ▶ Silos are made of 550 GSM corrugated GI Sheets (as per En10326 Standard).
- ▶ DIN 10.9 Class bolts in all of our silos.
- ▶ Neoprene washers to ensure water proof seals.
- ▶ Safe and secure man holes with double doors and inspection doors.
- ▶ Bolted brackets provided for temperature and humidity sensors.
- ▶ Consists of sweep augers upto 100tph capacity
- ▶ Aeration system blowers, are of various capacities
- ▶ Roof vents, Walk way, Ladder, safety cages, discharge gate, as per standard design
- ▶ Loading and Unloading systems as per site condition upto end usage (feed plants, rice mills, beverages etc.)
- ▶ Bucket elevator are also made of GI sheets with bolting
- ▶ Chain conveyors are fitted with 10mm fibre sheets

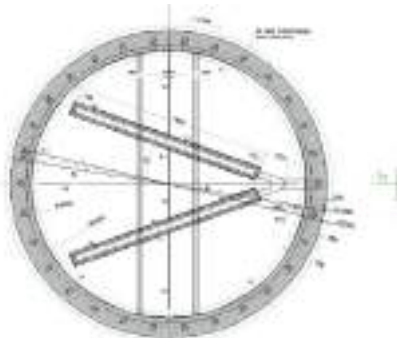
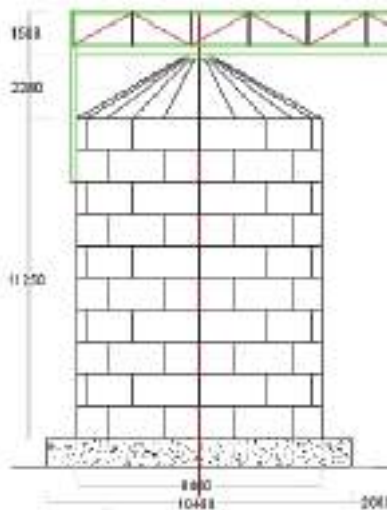
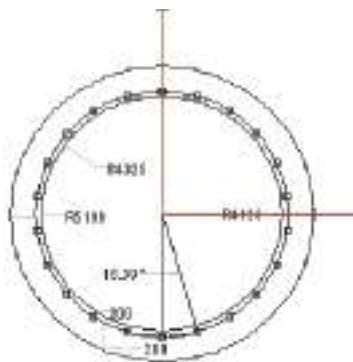


“Looking and looking for quality often produces it”

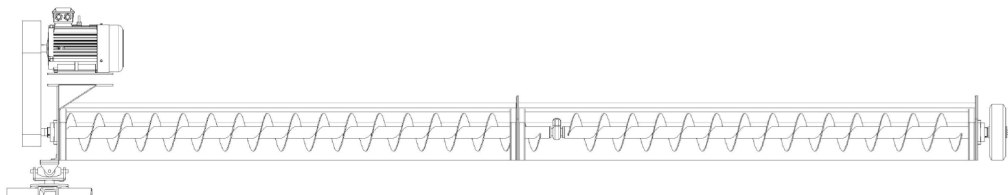
FLAT BOTTOM SILOS SELECTION TABLE

Model no	Diameter		Height		Volume		Capacity MT	
	dia of silo	Dia mts	tot ht	tot ht meter	tot vol c	tot vol cumt	cap feed/soya 640kg/cumt	720kg/cumt
FB17505	17.55	5.3517	24.3	7.41	4574.79	129.67	82.35	93.36
FB17506	17.55	5.3517	27.7	8.46	5408.03	153.29	97.34	110.37
FB17507	17.55	5.3517	31.2	9.51	6241.28	176.91	112.34	127.37
FB17508	17.55	5.3517	34.6	10.56	7074.53	200.53	127.34	144.38
FB20005	20.06	6.1162	25	7.63	6051.46	171.53	108.93	123.5
FB20006	20.06	6.1162	28.5	8.68	7139.79	202.37	128.52	145.71
FB20007	20.06	6.1162	31.9	9.73	8228.11	233.22	148.11	167.92
FB20008	20.06	6.1162	35.4	10.78	9316.43	264.07	167.7	190.13
FB22509	22.57	6.8807	39.5	12.05	13264.99	375.99	238.77	270.71
FB22510	22.57	6.8807	43	13.1	14642.4	415.03	263.56	298.82
FB22511	22.57	6.8807	46.4	14.15	16019.81	454.08	288.36	326.93
FB22512	22.57	6.8807	49.9	15.2	17397.21	493.12	313.15	355.05
FB25009	25.08	7.6453	40.2	12.27	16495.65	467.56	296.92	336.65
FB25010	25.08	7.6453	43.7	13.32	18196.15	515.76	327.53	371.35
FB25011	25.08	7.6453	47.1	14.37	19896.65	563.96	358.14	406.05
FB25012	25.08	7.6453	50.6	15.42	21597.15	612.16	388.75	440.76
FB27509	27.58	8.4098	39	11.88	20103.86	569.84	361.87	410.28
FB27511	27.58	8.4098	45.9	13.98	24219.08	686.48	435.94	494.27
FB27512	27.58	8.4098	49.3	15.03	26276.68	744.8	472.98	536.26
FB27513	27.58	8.4098	52.8	16.08	28334.29	803.13	510.02	578.25
FB27514	27.58	8.4098	56.2	17.13	30391.9	861.45	547.05	620.24
FB30012	30.09	9.1743	52	15.86	31442.95	891.24	565.97	641.69
FB30013	30.09	9.1743	55.5	16.91	33891.67	960.65	610.05	691.67
FB30014	30.09	9.1743	58.9	17.96	36340.39	1030.1	654.13	741.64
FB30015	30.09	9.1743	62.4	19.01	38789.12	1099.5	698.2	791.61
FB30016	30.09	9.1743	65.8	20.06	41237.84	1168.9	742.28	841.59
FB32610	32.6	9.9389	56.2	17.13	36598.3	1037.4	658.77	746.9
FB32613	32.6	9.9389	56.2	17.13	39976.94	1133.1	719.58	815.86
FB32614	32.6	9.9389	59.6	18.18	42850.79	1214.6	771.31	874.51
FB32615	32.6	9.9389	63.1	19.23	45724.64	1296.1	823.04	933.16
FB32616	32.6	9.9389	66.5	20.28	48598.49	1377.5	874.77	991.81
FB37611	37.61	11.468	50.8	15.47	46107.48	1306.9	829.93	940.97
FB37612	37.61	11.468	54.2	16.52	49933.62	1415.4	898.81	1019.1
FB37614	37.61	11.468	61.1	18.62	57585.88	1632.3	1036.55	1175.2
FB37615	37.61	11.468	64.5	19.67	61412.01	1740.7	1105.42	1253.3
FB37616	37.61	11.468	68	20.72	65238.14	1849.2	1174.29	1331.4

FLAT BOTTOM SILOS SELECTION TABLE



Model no	Diameter		Height		Volume		Capacity MT	
	dia of silo	Dia mts	tot ht	tot ht meter	tot vol c	tot vol cumt	cap feed/soya 640kg/cumt	720kg/cumt
FB40110	40.12	12.232	48	14.64	48411.71	1372.2	871.41	987.99
FB40111	40.12	12.232	51.5	15.69	52765	1495.6	949.77	1076.8
FB40113	40.12	12.232	58.4	17.79	61471.57	1742.4	1106.49	1254.5
FB40115	40.12	12.232	65.3	19.89	70178.14	1989.2	1263.21	1432.2
FB40116	40.12	12.232	68.7	20.95	74531.43	2112.6	1341.57	1521.1
FB42611	42.63	12.997	52.2	15.91	59910.97	1698.2	1078.4	1222.7
FB42613	42.63	12.997	59.1	18.02	69739.88	1976.8	1255.32	1423.3
FB42614	42.63	12.997	62.5	19.07	74654.33	2116.1	1343.78	1523.6
FB42615	42.63	12.997	66	20.12	79568.78	2255.4	1432.24	1623.9
FB42616	42.63	12.997	69.4	21.17	84483.23	2394.7	1520.7	1724.2
FB45112	45.14	13.762	56.4	17.19	73062.18	2070.9	1315.12	1491.1
FB45113	45.14	13.762	59.8	18.24	78571.81	2227.1	1414.29	1603.5
FB45114	45.14	13.762	63.3	19.29	84081.44	2383.3	1513.47	1716
FB45115	45.14	13.762	66.7	20.34	89591.06	2539.4	1612.64	1828.4
FB45116	45.14	13.762	70.2	21.39	95100.69	2695.6	1711.81	1940.8
FB47611	47.65	14.526	53.7	16.36	75696.88	2145.6	1362.54	1544.8
FB47613	47.65	14.526	60.5	18.46	87974.51	2493.6	1583.54	1795.4
FB47614	47.65	14.526	64	19.51	94113.33	2667.6	1694.04	1920.7
FB47615	47.65	14.526	67.4	20.56	100252.1	2841.6	1804.54	2046
FB47616	47.65	14.526	70.9	21.61	106391	3015.6	1915.04	2171.2
FB50111	50.15	15.291	52.4	15.97	84351.11	2390.9	1518.32	1721.5
FB50113	50.15	15.291	59.3	18.07	97955.13	2776.5	1763.19	1999.1
FB50114	50.15	15.291	62.7	19.12	104757.1	2969.3	1885.63	2137.9
FB50115	50.15	15.291	66.2	20.17	111559.2	3162.1	2008.06	2276.7
FB50116	50.15	15.291	69.6	21.22	118361.2	3354.9	2130.5	2415.5
FB55111	55.17	16.82	55.8	17.02	103217.9	2925.7	1857.92	2106.5
FB55113	55.17	16.82	62.7	19.12	119678.7	3392.3	2154.22	2442.4
FB55114	55.17	16.82	66.2	20.17	127909.2	3625.5	2302.36	2610.4
FB55115	55.17	16.82	69.6	21.22	136139.6	3858.8	2450.51	2778.4
FB55116	55.17	16.82	73	22.27	144370	4092.1	2598.66	2946.3
FB66111	60.18	18.349	57.3	17.46	124210	3520.7	2235.78	2534.9
FB66112	60.18	18.349	60.7	18.51	134004.9	3798.3	2412.09	2734.8
FB66113	60.18	18.349	64.2	19.56	143799.8	4076	2588.4	2934.7
FB66114	60.18	18.349	67.6	20.61	153594.6	4353.6	2764.7	3134.6
FB66116	60.18	18.349	74.5	22.71	173184.4	4908.9	3117.32	3534.4



HOPPER BOTTOM SILOS



Model No.	Diameter		Peak Height		Volume		Capacity (Metric tons)	
	Feet	Me-ters	Feet	Meters	C.Ft	C.Mt	Feed/Soya @640kg/ cmt	Maize @720kg/ cmt
HB6301	6.3	1.9	12.7	3.9	180.7	5.1	3.3	3.7
HB6302	6.3	1.9	16.1	4.9	287.0	8.1	5.2	5.9
HB6303	6.3	1.9	19.6	6.0	393.3	11.2	7.1	8.0
HB7301	7.3	2.2	13.2	4.0	231.9	6.6	4.2	4.7
HB7302	7.3	2.2	15.9	4.8	345.5	9.8	6.2	7.1
HB7303	7.3	2.2	18.6	5.7	459.2	13.0	8.3	9.4
HB7304	7.3	2.2	21.3	6.5	572.9	16.2	10.3	11.7
HB9401	9.4	2.9	15.6	4.8	439.1	12.5	7.9	9.0
HB9402	9.4	2.9	18.3	5.6	627.0	17.8	11.3	12.8
HB9403	9.4	2.9	21.0	6.4	814.9	23.1	14.7	16.6
HB9404	9.4	2.9	23.7	7.2	1002.8	28.4	18.1	20.5
HB9405	9.4	2.9	26.4	8.1	1190.7	33.8	21.4	24.3
HB12501	12.5	3.8	19.9	6.1	1020.7	28.9	18.4	20.8
HB12502	12.5	3.8	23.4	7.1	1445.8	41.0	26.0	29.5
HB12503	12.5	3.8	26.8	8.2	1870.9	53.0	33.7	38.2
HB12504	12.5	3.8	30.3	9.2	2296.1	65.1	41.3	46.9
HB12505	12.5	3.8	33.7	10.3	2721.2	77.1	49.0	55.5
HB15702	15.7	4.8	27.0	8.2	2491.7	70.6	44.9	50.9
HB15703	15.7	4.8	30.4	9.3	3156.0	89.5	56.8	64.4
HB15704	15.7	4.8	33.9	10.3	3820.2	108.3	68.8	78.0
HB15705	15.7	4.8	37.3	11.4	4484.5	127.1	80.7	91.5
HB15706	15.7	4.8	40.8	12.4	5148.7	145.9	92.7	105.1
HB17605	17.6	5.4	39.5	12.0	5800.4	164.4	104.4	118.4
HB17606	17.6	5.4	42.9	13.1	6633.7	188.0	119.4	135.4
HB17607	17.6	5.4	46.4	14.1	7466.9	211.7	134.4	152.4
HB17608	17.6	5.4	49.8	15.2	8300.2	235.3	149.4	169.4
HB17609	17.6	5.4	53.3	16.2	9133.4	258.9	164.4	186.4
HB20106	20.1	6.1	45.8	14.0	8969.3	254.2	161.5	183.1
HB20107	20.1	6.1	49.3	15.0	10057.6	285.1	181.0	205.3
HB20108	20.1	6.1	52.7	16.1	11146.0	315.9	200.6	227.5
HB20109	20.1	6.1	56.2	17.1	12234.3	346.8	220.2	249.7
HB20110	20.1	6.1	59.6	18.2	13322.6	377.6	239.8	271.9
HB22606	22.6	6.9	48.7	14.9	11737.7	332.7	211.3	239.6
HB22607	22.6	6.9	52.2	15.9	13115.1	371.7	236.1	267.7
HB22608	22.6	6.9	55.6	17.0	14492.5	410.8	260.9	295.8
HB22609	22.6	6.9	59.1	18.0	15869.9	449.8	285.7	323.9
HB22610	22.6	6.9	62.5	19.1	17247.3	488.9	310.5	352.0
HB25104	25.1	7.6	44.7	13.6	11566.4	327.9	208.2	236.1
HB25105	25.1	7.6	48.2	14.7	13267.0	376.1	238.8	270.8
HB25106	25.1	7.6	51.6	15.7	14967.5	424.3	269.4	305.5
HB25107	25.1	7.6	55.1	16.8	16668.0	472.5	300.0	340.2

OTHER PRODUCTS

Dust collector/ Aspiration : To capture more dust/ particles,
To maintain the pressure, To prevent leakage,
Fire prevention practice



Oil batching : oil batching will be measured equal quantity to all batches of the feed processing system. The addition of oils to the diets of laying hens has become an effective method to promote animal growth, increase the FCR, and improve poultry health.

Bin vibrator: Bin vibrator is a device of tapered conical shape that, due to vibration, facilitates material flow from hopper bottom silos.



Double cone Blender/ Medicine Mixer : A premix is a mixture of vitamins, trace minerals, medicaments, feed supplements and diluents. It is a value added solution for feed with sustainable safety and quality.

Maize cleaner with cyclone: The big/small impurities, dust and light impurities can be removed completely by sifting motion and matching air aspiration channel or air cycling separator.



OUR CLIENTS

			 Maity Poultries Pvt. Ltd Group of Companies		



TANKER 8 TON CAPACITY

Global Presence.



SAI DURGA AGRO TECH INDUSTRIES

- Factory 1 : Plot No. C7, (p), IDA Uppal, Medchel Malkajgiri Dist., Hyderabad - 500 039.
- Factory 2 : Plot No. 16, IDA Mankhal, Maheshwaram, R.R. Dist. Hyderabad - 501 359.
- Factory 3 : Plot No. 05, APIIC, Veerapenenigudem, Gannavaram, Krishna Dist. AP- 521286
- Service Centre 1 : P. No. 133, 145 (Jlno-24) Panchkuri (Vill. & Po) Medinipur Dist. West Bengal-721150
- Contact No's : 9440792923 | 9440792924 | 040-27206325
- Email Id's : sales@saidurgaindustries.com, saidurga34@gmail.com
- Personal Id's : parvath_reddy@yahoo.com | kgpraju@yahoo.com
- Website : www.saidurgaindustries.com