SIMEZA

FARM SILOS WITH CENTRAL DISCHARGE

TABLE OF SPECIFICATIONS AND CAPACITIES

VOLUME OF FARM SILOS WITH CENTRAL DISCHARGE					
SIMEZA	SILO Ø (m)	2,30	2,50	3,10	3,50
	OUTLET HEIGHT (m)	1,00	1,00	0,80	0,80
	HOPPER HEIGHT (m)	1,76	2,04	2,53	2,89
	ROOF HEIGHT (m)	0,76	0,92	1,14	1,31
	FIXED HEIGHT (m)	3,52	3,96	4,47	4,49
RING NUMBERS	CYLINDER HEIGHT (m)	VOLUME (m^3)			
1	1,04	8,6	11,4	18,6	25,5
2	2,18	13,4	17,2	27,3	36,4
3	3,33	18,2	23,0	35,9	47,5
4	4,47	22,9	28,9	44,5	58,5

CAPACITY OF FARM SILOS WITH CENTRAL DISCHARGE					Density = 0,6 t/m^3
SIMEZA	SILO Ø (m)	2,30	2,50	3,10	3,50
	OUTLET HEIGHT (m)	1,00	1,00	0,80	0,80
	HOPPER HEIGHT (m)	1,76	2,04	2,53	2,89
	ROOF HEIGHT (m)	0,76	0,92	1,14	1,31
	FIXED HEIGHT (m)	3,52	3,96	4,47	4,49
RING NUMBERS	CYLINDER HEIGHT (m)	CAPACITY (TM)			
1	1,04	5,2	6,8	11,2	15,3
2	2,18	8,0	10,3	16,4	21,9
3	3,33	10,9	13,8	21,6	28,5
4	4,47	13,7	17,3	26,7	35,1

Total height of the silo = cylinder height +fixed height
Fixed height = outlet height +hopper height +roof height

SIMEZA

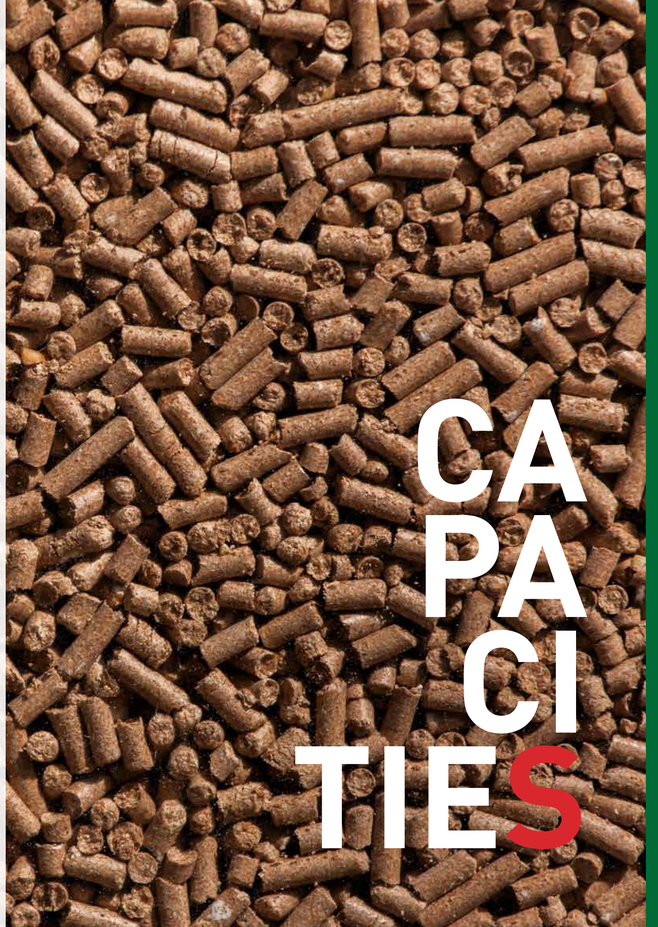
FARM SILOS WITH LATERAL DISCHARGE

TABLE OF SPECIFICATIONS AND CAPACITIES

VOLUME OF FARM SILOS WITH LATERAL DISCHARGE			
SIMEZA	SILO Ø (m)	2,30	2,50
	OUTLET HEIGHT (m)	0,72	0,72
	HOPPER HEIGHT (m)	2,74	2,95
	ROOF HEIGHT (m)	0,76	0,92
	FIXED HEIGHT (m)	4,22	4,59
RING NUMBERS	CYLINDER HEIGHT (m)	VOLUME (m^3)	
1	1,04	8,2	10,9
2	2,18	12,9	16,8
3	3,33	17,6	22,6
4	4,47	22,3	28,4

CAPACITY OF FARM SILOS WITH LATERAL DISCHARGE Density = 0,6 t/m3			
SIMEZA	SILO Ø (m)	2,30	2,50
	OUTLET HEIGHT (m)	0,72	0,72
	HOPPER HEIGHT (m)	2,74	2,95
	ROOF HEIGHT (m)	0,76	0,92
	FIXED HEIGHT (m)	4,22	4,59
RING NUMBERS	CYLINDER HEIGHT (m)	CAPACITY (TM)	
1	1,04	4,9	6,5
2	2,18	7,7	10,1
3	3,33	10,5	13,5
4	4,47	13,4	17,0

Total height of the silo = cylinder height +fixed height
Fixed height = outlet height +hopper height +roof height



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SIMEZA

PRODUCT CATALOGUE

SIMEZA
SILOS

FARM

360 DEGREE SOLUTIONS
FOR YOUR STORAGE
#EVERYWHEREINTHEWORLD

360 DEGREE SOLUTIONS FOR YOUR STORAGE

01 OVERVIEW

360 DEGREE SOLUTION ALSO FOR FARM SILOS

SIMEZA has been active in the manufacturing of storage plants for cereals, flours and other industrial products. It is one of the pioneer Silo companies in Europe with broad experience in the design, production and installation of farm silos for a correct storage of mixed feed (both flours and pellets) for livestock. Year after year, SIMEZA achieves the high levels of quality, performance and excellence customers have come to expect from the brand over its 40 years of experience.

Our Design Department has a team of specialized engineers who handle each project individually. They work side by side with the client, designing and calculating all structures according to either ASAE/ANSI American or Euro-Code European norms.

The cylinder of the SIMEZA Farm Silos is made of galvanized corrugated steel, the roof and hopper in galvanized smooth steel and we also have other finishing options, such as pre-lacquered or oven painted (mainly in a green colour).

As can be seen in the product catalogue, SIMEZA offers a wide range of Farm Silos, with storage capacities ranging from 8 to 58 m3.

"Years of experience and a strong commitment to excellence have created high quality SIMEZA's farm silos that our employees and our customers are proud of around the globe"

"SIMEZA is a company with high growth potential in the near future. It is not fortuitous that today we can find reference facilities for our customers in dozens of countries across the five continents"

Wall sheet shape of SIMEZA is 104 mm corrugation which reduces friction and product residues.

02 DETAILS

01 ROOF

Designed by polygonal sections of smooth sheet, punched, beaded and perfectly shaped for its assembly, the conical shape is of 40° to maximize the usable capacity of feed storage.

02 CYLINDER

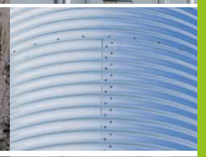
Designed by corrugated sheet modules, punched and perfectly shaped for its assembly, they have an important detail: the wall sheet shape is 104 mm corrugation (pitch) x 12 mm (depth) which reduces friction and feed residues.

03 HOPPER

Designed by polygonal sections of smooth sheet, punched, beaded and perfectly shaped for its assembly, SIMEZA has two models of these hoppers, one of them has a central discharge with a cone angle of 62° and the other one has a lateral discharge with two angles, one of 43° and another of 80°.

04 JUNCTIONS

They are done by galvanized bolting consisting of bolts, flat washers, washer of neoprene, nuts and filler in all joints.



05 LEGS

They are manufactured with galvanized omega profiles, connected together by galvanized braces and anchored by a base plate.

03 ACCESSORIES

01 LOADING LID

Manufactured from galvanized cylindrical-shaped sheet, it allows a secure closure of the silo from the ground.

02 ROOF ACCESS LADDER

Manufactured with profiles, steps, cross-bared protection, all of them are galvanized.

03 PRIMARY LADDER

The portable ladder is made of aluminium that allows access to the vertical ladder on the cylinder.

04 MIXED OUTLET FLANGE FOR SILOS WITH CENTRAL DISCHARGE

Manufactured from galvanized sheet, this part joins all the segments of the hopper in the outlet and also serves to assemble the distribution hopper of the auger.

05 OUTLET FLANGE FOR SILOS WITH LATERAL DISCHARGE

Manufactured from galvanized sheet, this part joins all the segments of the hopper in the outlet and also serves to assemble the lateral discharge pipe.

06 UNLOADING PIPE

Manufactured from galvanized sheet, equipped with a guillotine slide gate.

07 GUTTER - SKIRT JUNCTION

The Gutter-Skirt type junction between the cylinder wall and the hopper allows the rain drainage out of the hopper and prevents humidity to affect the hopper itself.

04 OPTIONS

ROOF LADDER TO ACCESS THE LID

Manufactured from galvanized profiles, steps and protection with handrails, galvanized.

GUILLOTINE SLIDE

To install under the outlet flange to allow the opening and regulate the feed flow loading on carts. Galvanized.

AUGER EXTRACTION HOPPER

Installed under the outlet flange, it allows accommodating a rigid axial auger inside and thanks to a rotating union flange which permits to direct it to the desired place. Galvanizeda.

GUILLOTINE SLIDE BETWEEN THE OUTLET FLANGE AND THE AUGER HOPPER

To couple between the outlet flange and the auger´s hopper to regulate the material´s flow. Galvanized.

EMERGENCY EXIT IN THE HOPPER

It allows an easy extraction of the product inside the silo in order to fill a cart or any other container. Galvanized.

CLEANING HOPPER DOOR

This device enables the cleaning of the silo from the ground level. Galvanized.

ROOF VENTS

They are also called decompression roof vents, that allow both the air outlet and inlet, these also prevents overpressure as well as the vacuum effect inside the silo. Galvanized.

INSPECTION DOOR

A Methacrylate window to be installed either on the first ring of the silo wall or on the hopper, which allows the control of feed level inside the silo.

PNEUMATIC LOADING PIPES AND DECOMPRESSION TUBE

In case the filling of the silo is done pneumatically, it is necessary to connect a tube with an inlet fitting, a connection in the silo roof and a decompression tube as an air outlet. Galvanized.

SIMEZA

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