MAFA

Silo program

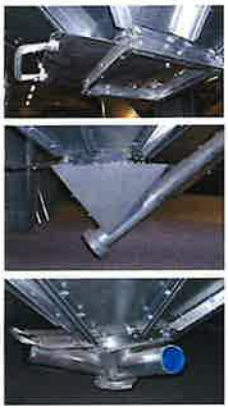
Module silo – outdoor

Outdoor silo of high quality
In galvanized sheet.

For outdoor storage of dry, easy flowing materials, primarily recommended for fuel pellets - or granules, etc.

Available in several sizes. Cyclone, filling tube, 45°roof, shutter and inspection hatch included as standard. The cone is available in both 45° or 60° angle with outlet 300x300 resp. 500x500.
A variety of hoppers are optional and also suction Boxes for plastic granulates.

Level indicators, load cells, cladding of the cone, painting etc. are also available options.









The silo is delivered as a kit but can also be delivered assembled on site.

Model	W x D, mm	H, m	Volume, m^3	Max ton*	Cone	Cone opening, mm
MU150	1550 x 1550	3,14 – 6,69	0,98 – 8,72	0,64 – 5,67	45°/60°	300x300/500x500
MU200	2050 x 2050	3,24 – 7,12	2,46 – 16,73	1,60 - 10,87	45°/60°	300x300/500x500
MU250	2550 x 2550	3,98 – 13,30	4,90 – 59,58	3,19 – 38,73	45°/60°	300x300/500x500
MU300	3000 x 3000	4,31 – 14,01	8,06 – 85,06	5,24 – 55,29	45°/60°	300x300/500x500

** Max content, based on 650 kg/m³.*
Some of the models type 200 and 300 can also be delivered for max. 900 kg/m³.
No inspection hatch for silo types with only cone and supporting legs.
Models, see page 2.

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Silo program

Outdoor Modular silo 45°, 650 kg/m³, high cyclone

Silo	Specification				Silo with cover & cyclone
Model [mm]	Height [m]**	Volume [m³]	Max 650 kg/m³	900 kg/m³	Art no
UM-150	3,14*	0,98	0,64		6.13.4145
	3,52*	1,77	1,15		6.13.4245
	4,02	2,83	1,84		6.13.4345
	4,40	3,62	2,35		6.13.4445
	4,90	4,68	3,04		6.13.4545
	5,28	5,47	3,56		6.13.4645
	5,78	6,53	4,24		6.13.4745
	6,16	7,32	4,76		6.13.4845
	6,66	8,38	5,45		6.13.4945
UM-200	3,24*	2,46	1,60		6.14.4145
	3,62*	3,90	2,54		6.14.4245
	4,12	5,81	3,78		6.14.4345
	4,50	7,25	4,71		6.14.4445
	5,00	9,16	5,95		6.14.4545
	5,38	10,60	6,89		6.14.4645
	5,88	12,51	8,13		6.14.4745
	6,26	13,95	9,07		6.14.4845
	6,76	15,86	10,31		6.14.4945
UM-250	3,98*	4,90	3,19	X	6.15.4145
	4,61	8,68	5,64	X	6.15.4245
	5,24	12,46	8,10	X	6.15.4345
	5,87	16,24	10,56	X	6.15.4445
	6,50	20,02	13,01	X	6.15.4545
	7,13	23,80	15,47		6.15.4645
	7,76	27,58	17,93		6.15.4745
	8,39	31,36	20,38		6.15.4845
	9,02	35,14	22,84		6.15.4945
	# 9,65	38,92	25,30	X	6.15.5045
	# 10,28	42,70	27,76	X	6.15.5145
	# 10,91	46,48	30,21	X	6.15.5245
	# 11,54	50,26	32,67	X	6.15.5345
	# 12,17	54,04	35,13	X	6.15.5445
	# 12,80	57,82	37,58	X	6.15.5545
UM-300	4,31*	8,06	5,24	X	6.16.4145
	4,94	13,35	8,68	X	6.16.4245
	5,57	18,64	12,12		6.16.4345
	6,20	23,93	15,55		6.16.4445
	6,83	29,22	18,99		6.16.4545
	7,46	34,51	22,43		6.16.4645
	8,09	39,80	25,87		6.16.4745
	8,72	45,09	29,31		6.16.4845
	9,35	50,38	32,75		6.16.4945
	# 9,98	55,67	36,19		6.16.5045
	# 10,61	60,96	39,62		6.16.5145
	# 11,24	66,25	43,06		6.16.5245
	# 11,87	71,54	46,50		6.16.5345
	# 12,50	76,83	49,94		6.16.5445
	# 13,13	82,12	53,38		6.16.5545

*Excl inspection door

4 mm supporting legs

The silo is dimensioned for reference wind speed V_b = 27 m/s and terrain category II, and snow load Sk = 0,9 kN/m²

Outdoor Modular silo, 650 kg/m³, high cyclone

Silo	Specification				Silo with cover & cyclone
Model [mm]	Height [m]**	Volume [m³]	Max ton 650 kg/m³	900 kg/m³	Art no
UM-150	3,14*	1,32	0,86		6.33.4160
	3,52*	2,11	1,37		6.33.4260
	4,05	3,17	2,06		6.33.4360
	4,43	3,96	2,57		6.33.4460
	4,93	5,02	3,26		6.33.4560
	5,31	5,81	3,78		6.33.4660
	5,81	6,87	4,47		6.33.4760
	6,19	7,66	4,98		6.33.4860
	6,69	8,72	5,67		6.33.4960
UM-200	3,60*	3,33	2,16		6.34.4160
	3,98*	4,77	3,10		6.34.4260
	4,48	6,68	4,34		6.34.4360
	4,86	8,12	5,28		6.34.4460
	5,36	10,03	6,52		6.34.4560
	5,74	11,47	7,46		6.34.4660
	6,24	13,38	8,69		6.34.4760
	6,62	14,82	9,63		6.34.4860
	7,12	16,73	10,87		6.34.4960
UM-250	4,48*	6,66	4,33	X	6.35.4160
	5,11	10,44	6,79	X	6.35.4260
	5,74	14,22	9,24	X	6.35.4360
	6,37	18,00	11,70	X	6.35.4460
	7,00	21,78	14,16		6.35.4560
	7,63	25,56	16,61		6.35.4660
	8,26	29,34	19,07		6.35.4760
	8,89	33,12	21,53		6.35.4860
	9,52	36,90	23,99		6.35.4960
	# 10,15	40,68	26,44		6.35.5060
	# 10,78	44,46	28,90		6.35.5160
	# 11,41	48,24	31,36		6.35.5260
	# 12,04	52,02	33,81		6.35.5360
	# 12,67	55,80	36,27		6.35.5460
	# 13,30	59,58	38,73		6.35.5560
UM-300	5,31*	11,00	7,15	X	6.36.4160
	5,94	16,29	10,59	X	6.36.4260
	6,57	21,58	14,03	X	6.36.4360
	7,20	26,87	17,47	X	6.36.4460
	7,83	32,16	20,90	X	6.36.4560
	8,46	37,45	24,34		6.36.4660
	9,09	42,74	27,78		6.36.4760
	9,72	48,03	31,22		6.36.4860
	10,35	53,32	34,66		6.36.4960
	# 10,98	58,61	38,09		6.36.5060
	# 11,61	63,90	41,54		6.36.5160
	# 12,24	69,19	44,97		6.36.5260
	# 12,87	74,48	48,41		6.36.5360
	# 13,50	79,77	51,85		6.36.5460
	# 14,13	85,06	55,29		6.36.5560

*Excl inspection door

4 mm supporting legs

The silo is dimensioned for reference wind speed V_b = 27 m/s and terrain category II, and snow load Sk = 0,9 kN/m²

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