

FIELD SPRAYER

ALFA



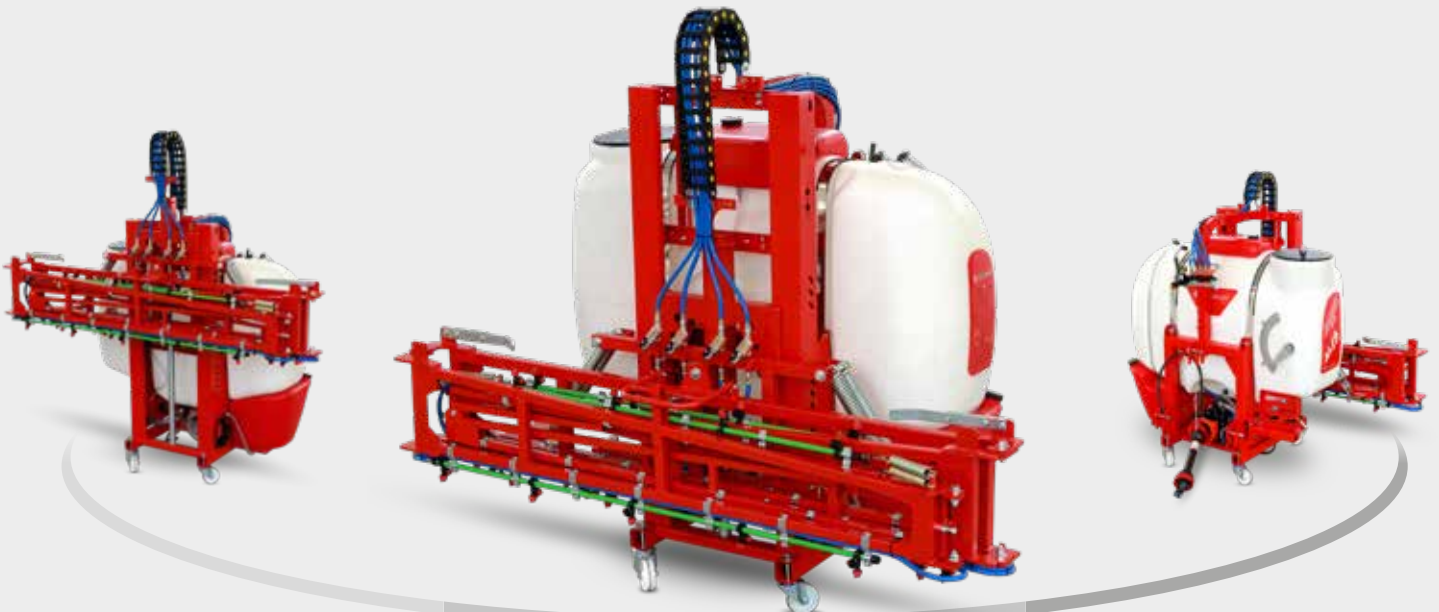
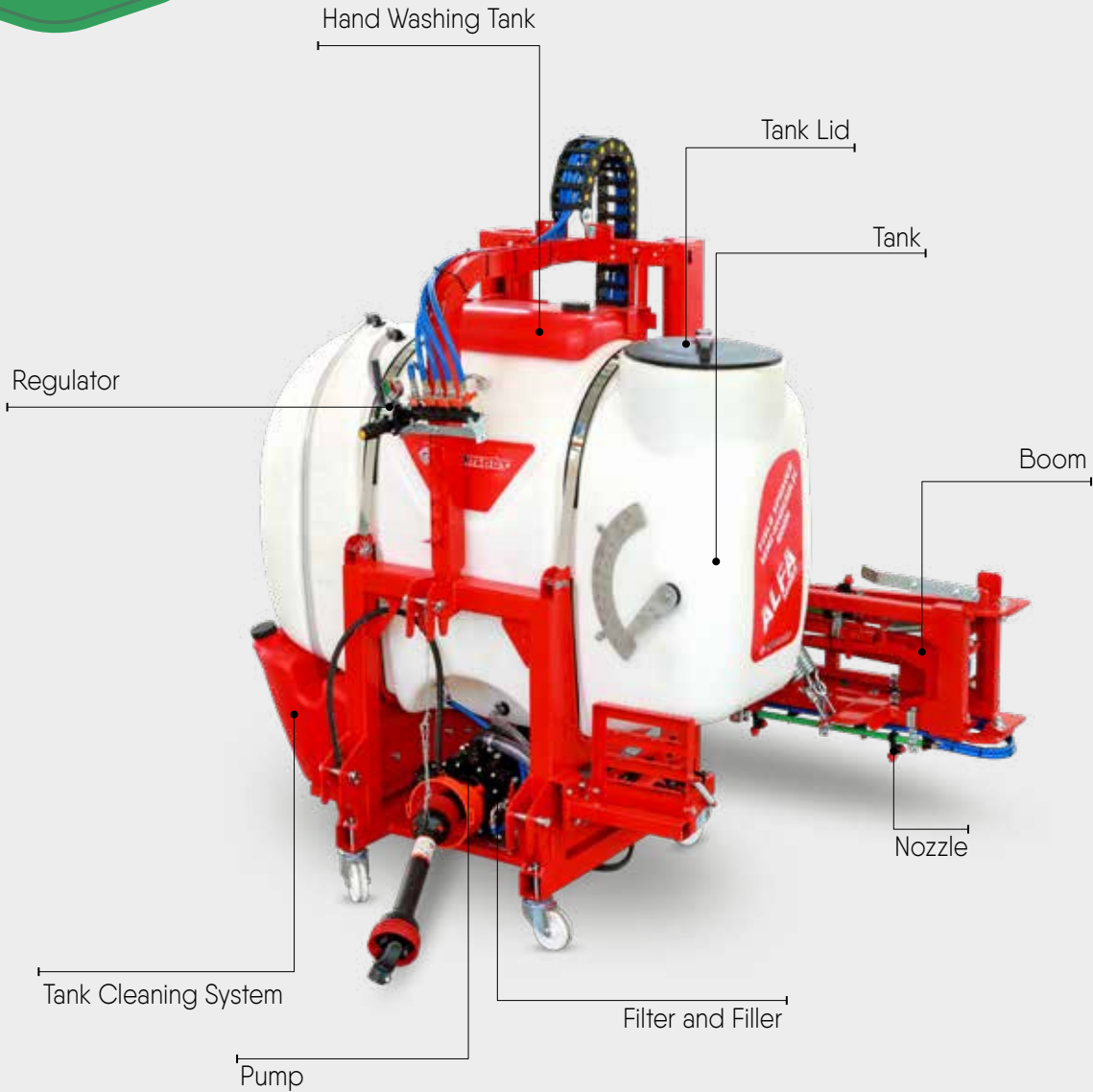
agromaster®
We know the soil

www.agromaster.com

ALFA 600
ALFA 800
ALFA 1000

ALFA SERIES FIELD SPRAYER, MOUNTED TYPE HEAVY DUTY SEMI-HYDRAULIC BOOM

Mounted type 600, 800, 1000 L field sprayers are used for multipurpose plant protection. Sprayers are connected to the three point linkage of tractor and powered by P.T.O.

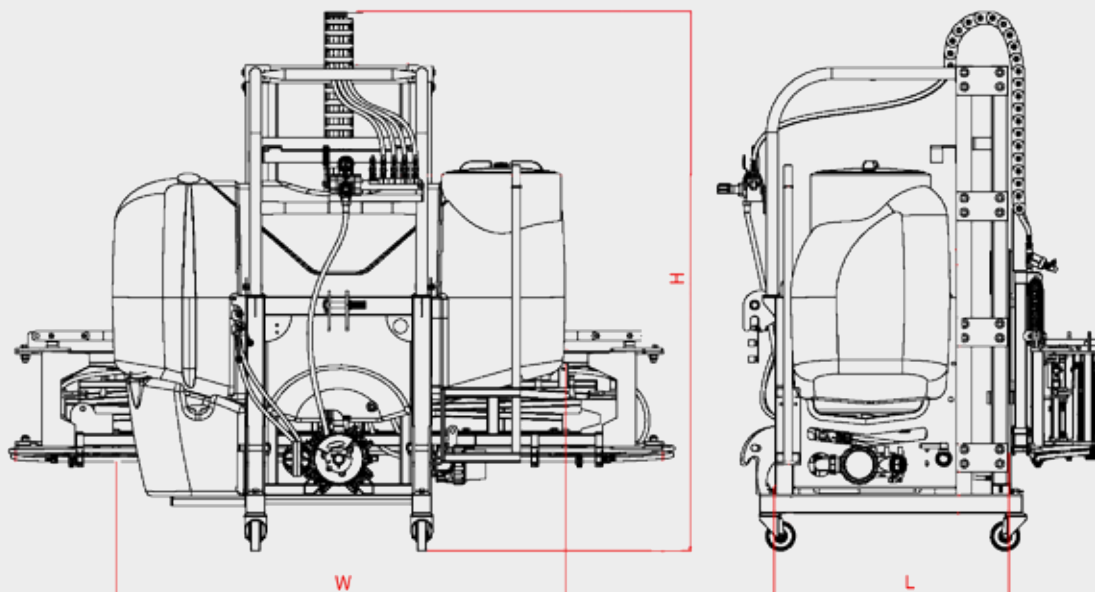


Technical Specifications*	Unit	ALFA 600	ALFA 800	ALFA 1000
Capacity	L	600	800	1000
	gallon	158	211	264
Width without boom (W)	mm	1750	1850	1850
	ft.in	5'9"	6'1"	6'1"
Length without boom (L)	mm	1250	1070	1070
	ft.in	4'1"	3'6"	3'6"
Total Height (H)	mm	2200	2200	2200
	ft.in	7'3"	7'3"	7'3"
Pump Type		C 96 / membrane		
Pump Flowrate	L/min	96		
Pump Pressure	bar	50		
Boom Length	m / M	14 / 16		
	ft.in	45' - 52'		
Regulator Model		OSR		
Pressure Safety Valve		standard		
Tank Mixer		standard		
Tank Washing System		standard		
Tank Material		polyethylene		
PTO Rotation	rpm	540		
Required Power	hp	50-60	70-80	90-100
Total Weight	kg	345	375	385
	lbs	760	826	848

1 inch = 25,4 mm - 1 inch = 0,083 feet (foot) - 1 feet (foot) = 12 inch

* Manufacturer reserves rights to change them without notice.

Look at page 6 for boom details.



STANDARD FEATURES



Best quality 4 membrane C96 pump which is produced by our factory is the most efficient product in its segment.



Tank Lid



Tank Cleaning System



By the help of pressure regulator right or left spraying and the pressure adjustment can be made.



Ladder for easy acces



Balance springs stabilize the machine by minimizing the vibration on the rugged fields.



Long-lasting and cleanable nozzle provides homogeneous disinfection



Fast Filler



Hand Washing Tank

OPTIONS



Part Name	Single Plastic
Code	110.11.20



Part Name	Triple Plastic
Code	110.11.22



Part Name	Quadr Plastic
Code	110.11.23



FPR 20-3 Pressure Regulator



Mixer



Chrome Spraying Pipe



Best quality 4 membrane C145 pump which is produced by our factory is the most efficient product in its segment.



APS 145 Pump



Traffic Warning Sign



Spraying Proportioning

Manuel Controlled Boom

Technical Specifications*	Unit	BOOMS		
Working Width	m	8	10	12
	ft.in	26'3"	32'10"	39'4"
Total Length	mm	200	200	200
	ft.in	0'8"	0'8"	0'8"
Total Width	mm	2130	2130	2700
	ft.in	6'12"	6'12"	8'10"
Boom Type		mechanical		
Number of the nozzles	pcs	16	20	25
Nozzle Type		Conical/T-Jet		
Distance between Nozzle	mm	500		
	ft.in	1'8"		
Height	mm	430	430	570
	ft.in	1'5"	1'5"	1'10"
Weight	kg	35	41	63
	lbs	77	90	138

1 inch = 25,4 mm - 1 inch = 0,083 feet (foot) - 1 feet (foot) = 12 inch

* Manufacturer reserves rights to change them without notice.

Semi-Hydraulic / Heavy Duty Semi-Hydraulic Controlled Boom

Technical Specifications*	Unit	BOOMS		
Working Width	m	12	14	16
	ft.in	39'4"	45'	52'
Total Length	mm	200	530	530
	ft.in	0'8"	1'8"	1'8"
Total Width	mm	2700	2720	2720
	ft.in	8'10"	8'11"	8'11"
Boom Type		semi-hydraulic	heavy-duty semi-hydraulic	
Number of the nozzles	pcs	25	29	33
Nozzle Type		Conical/T-Jet		
Distance between Nozzle	mm	500		
	ft.in	1'8"		
Height	mm	570	600	600
	ft.in	1'10"	1'12"	1'12"
Weight	kg	63	150	156
	lbs	138	330	343

1 inch = 25,4 mm - 1 inch = 0,083 feet (foot) - 1 feet (foot) = 12 inch

* Manufacturer reserves rights to change them without notice.

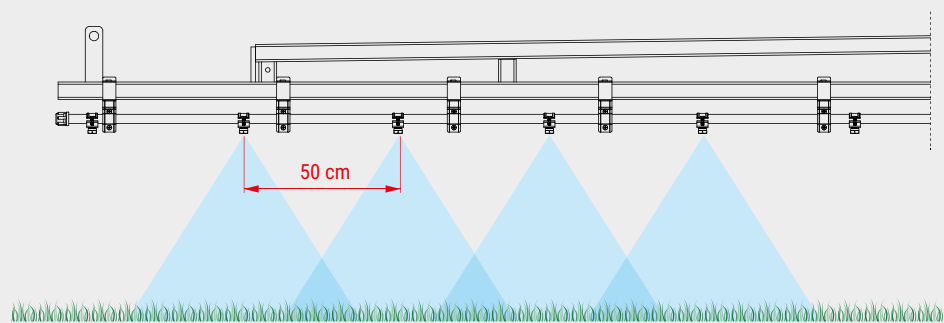
Semi-Hydraulic / Full Hydraulic Controlled Boom (Alfa X Type)

Technical Specifications*	Unit	BOOMS
Working Width	m	15
	ft.in	48'
Total Length (L _t)	mm	1670
	ft.in	5'6"
Total Width (W _t)	mm	2450
	ft.in	8'1"
Boom Type		Full Hyd.
Number of the nozzles	pcs	30
Nozzle Type		Conical / T-Jet
Distance between Nozzle	mm	500
	ft.in	1'8"
Height	mm	2800
	ft.in	2'6"
Weight	kg	285
	lbs	628

1 inch = 25,4 mm - 1 inch = 0,083 feet (foot) - 1 feet (foot) = 12 inch

* Manufacturer reserves rights to change them without notice.

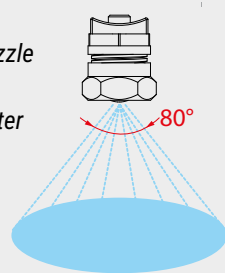
Distance Between Nozzles



Nozzle Spraying Types

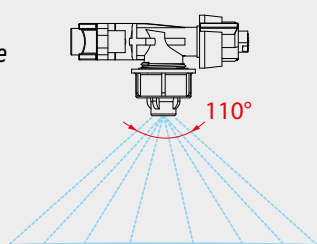
Chonic Brass Nozzle

Plate hole diameter
1.2 mm
1.5 mm

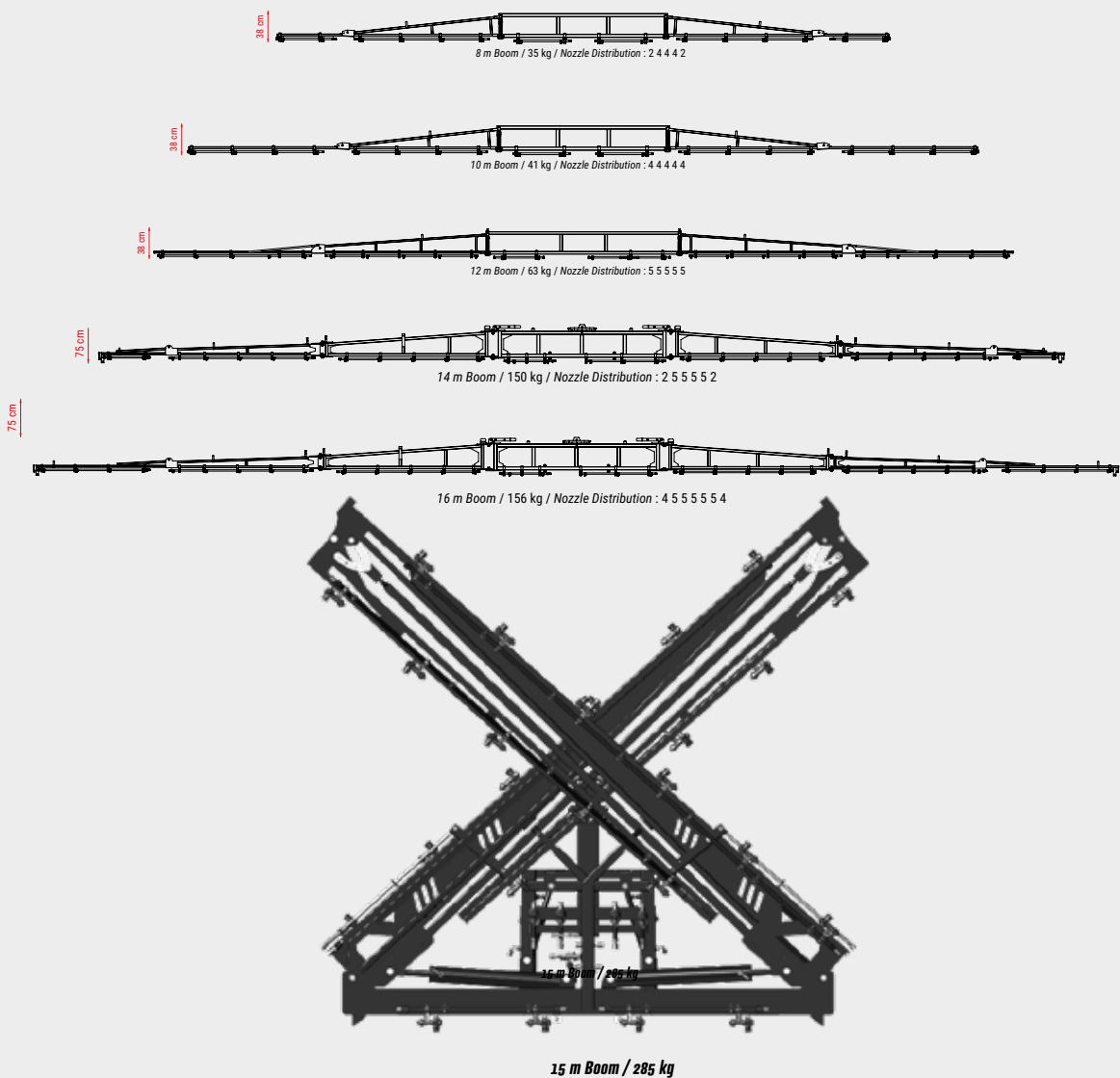


Curtain Spray Nozzle

Plate hole diameter
1.0 mm
1.2 mm
1.5 mm
2.0 mm
3.0 mm
4.0 mm



Boom Types



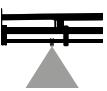
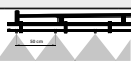
Spraying Norm Table for Conical Brass Nozzle

Hole Diameter (mm)*	Working Speed (km/h)	Pressure (bar)	Average Flow (lt/min)**	Spraying Norm (lt/ha)
1,2	5	4	0,44	194,4
1,2	6	4	0,44	162
1,2	7	4	0,44	138,9
1,2	8	4	0,44	121,5
1,2	10	4	0,44	97,2
1,2	12	4	0,44	81
1,2	14	4	0,44	69,4
1,2	16	4	0,44	60,8
1,2	18	4	0,44	54
1,2	5	6	0,93	223,2
1,2	6	6	0,93	186
1,2	7	6	0,93	159,4
1,2	8	6	0,93	139,5
1,2	10	6	0,93	111,6
1,2	12	6	0,93	93
1,2	14	6	0,93	79,7
1,2	16	6	0,93	69,8
1,2	18	6	0,93	62
1,2	5	8	1,1	264
1,2	6	8	1,1	220
1,2	7	8	1,1	185,6
1,2	8	8	1,1	165
1,2	10	8	1,1	132
1,2	12	8	1,1	110
1,2	14	8	1,1	94,3
1,2	16	8	1,1	82,5
1,2	18	8	1,1	73,3

* This symbol represents hole diameter for standard booms.

** This symbol represents average flow which is measured a nozzle.

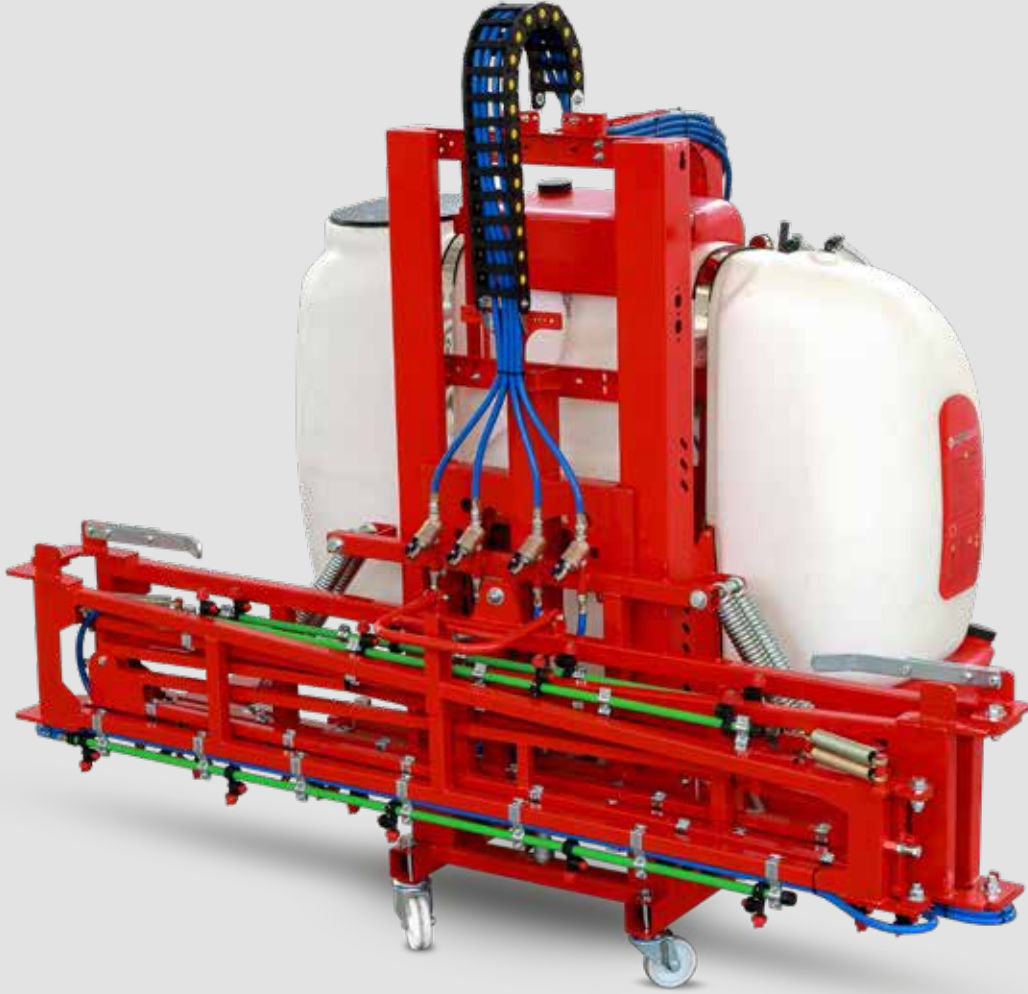
Spraying Norm Table for T-Jet Nozzle

		l/min	l/ha 								
			5.0 km/h	6.0 km/h	7.0 km/h	8.0 km/h	10.0 km/h	12.0 km/h	14.0 km/h	16.0 km/h	18.0 km/h
ST 110-01 80-01 (80 M)		2.0	0.32	77	64	55	48	38	32	27	24
		2.5	0.36	86	72	62	54	43	36	31	27
		3.0	0.39	94	78	67	59	47	39	33	29
		4.0	0.45	108	90	77	68	54	45	39	34
		5.0	0.51	122	102	87	77	61	51	44	38
ST 110-015 80-015 (80 M)		2.0	0.48	115	96	82	72	58	48	41	36
		2.5	0.54	130	108	93	81	65	54	46	41
		3.0	0.59	142	118	101	89	71	59	51	44
		4.0	0.68	163	136	117	102	82	68	58	51
		5.0	0.76	182	152	130	114	91	76	65	57
ST 110-02 80-02 (60 M)		2.0	0.65	156	130	111	98	78	65	56	49
		2.5	0.73	175	146	125	110	88	73	63	55
		3.0	0.80	192	160	137	120	96	80	69	60
		4.0	0.92	221	184	158	138	110	92	79	61
		5.0	1.03	247	206	177	155	124	103	88	77
SC 110-025 (60 M)		2.0	0.81	194	162	139	122	97	81	69	61
		2.5	0.91	218	182	156	137	109	91	78	68
		3.0	0.99	238	198	170	149	119	99	85	74
		4.0	1.15	276	230	197	173	138	115	99	86
		5.0	1.28	307	256	219	192	154	128	110	96
SC/ST 110-032 80-03 (60 M)		2.0	0.97	233	194	166	146	116	97	83	73
		2.5	1.08	259	216	185	162	130	108	93	81
		3.0	1.19	286	238	204	179	143	119	102	89
		4.0	1.37	329	274	235	206	164	137	117	103
		5.0	1.53	367	306	262	230	184	153	131	115
SC/ST 110-04 80-04 (60 M)		2.0	1.29	310	258	221	194	155	129	111	97
		2.5	1.44	346	288	247	216	173	144	123	108
		3.0	1.58	379	316	271	237	190	158	135	119
		4.0	1.82	437	364	312	273	218	182	156	137
		5.0	2.04	490	408	350	306	245	204	175	153
SC/ST 110-05 80-05 (25 M)		2.0	1.61	386	322	276	242	193	161	138	121
		2.5	1.80	432	360	309	270	216	180	154	135
		3.0	1.97	473	394	338	296	236	197	169	148
		4.0	2.28	547	456	391	342	274	228	195	171
		5.0	2.55	612	510	437	383	306	255	219	191
SC/ST 110-06 80-06 (25 M)		2.0	1.93	463	386	331	290	232	193	165	145
		2.5	2.16	516	432	370	324	259	216	185	162
		3.0	2.36	566	472	405	354	283	236	202	177
		4.0	2.73	655	546	468	410	328	273	234	205
		5.0	3.05	732	610	523	458	366	305	261	229
SC/ST 110-05 80-05 (25 M)		2.0	2.58	619	516	442	387	310	258	221	194
		2.5	2.88	691	576	494	432	346	288	247	216
		3.0	3.16	758	632	542	474	379	316	271	237
		4.0	3.65	876	730	626	548	438	365	313	274
		5.0	4.08	979	816	699	612	490	408	350	306

A blank sheet of white paper with horizontal ruling lines.

NOTES

This image shows a full page of a document template designed for handwritten notes or essays. It features approximately 30 evenly spaced, thin horizontal grey lines across the entire width of the page. The margins are consistent on all sides, providing a clear area for writing. There are no other markings, text, or graphics present on the page.



agromaster®

+90 332 235 64 23

info@agromaster.com

www.agromaster.com

Buyukkayacik OSB Mahallesi Evrenkoy Cad. No:32 42050 Selcuklu/Konya/TÜRKİYE

