

FIELD AND GARDEN SPRAYERS

COBRA SERIES



agromaster®

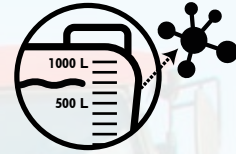
We know the soil

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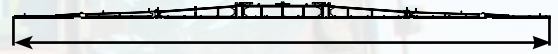
PERFECT SPRAYING *To Last Detail*

Cobra Series are optimum for plant protection process such as herbicide, pesticide, fungicide etc. Also, for the sprayers, hoses and spray guns are attachable.





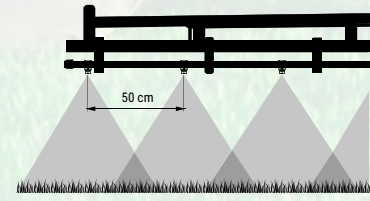
Quality Tank Material



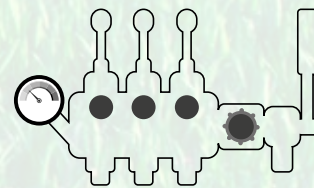
Different Boom Lengths



Long Life Pumps



Efficient Nozzle Spraying



Precise Pressure Adjustment



Agromaster hereby reserves the right to introduce changes in the offer, especially to withdraw products from sale or change specifications without prior notice.

The colours on the pictures may slightly differ from those available in reality.

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COBRA SERIES

A Series Manuel Control

B Series Semi Hydraulic

C Series Heavy-Duty Semi Hydraulic

400, 600, 800 and 1000 ltr sprayer tanks are produced from polyethylene.

With those sprayers all kinds of field crops could be sprayed. By means of T-Jet or conical nozzles on booms, destruction of weeds and diseases which are affecting the health of plants like; wheat, barley, sorghum, corn, canola, raps, cotton, sugar beet, sunflower etc. is prevented.





WATCH **COBRA** VIDEO NOW!



SCAN QR CODE

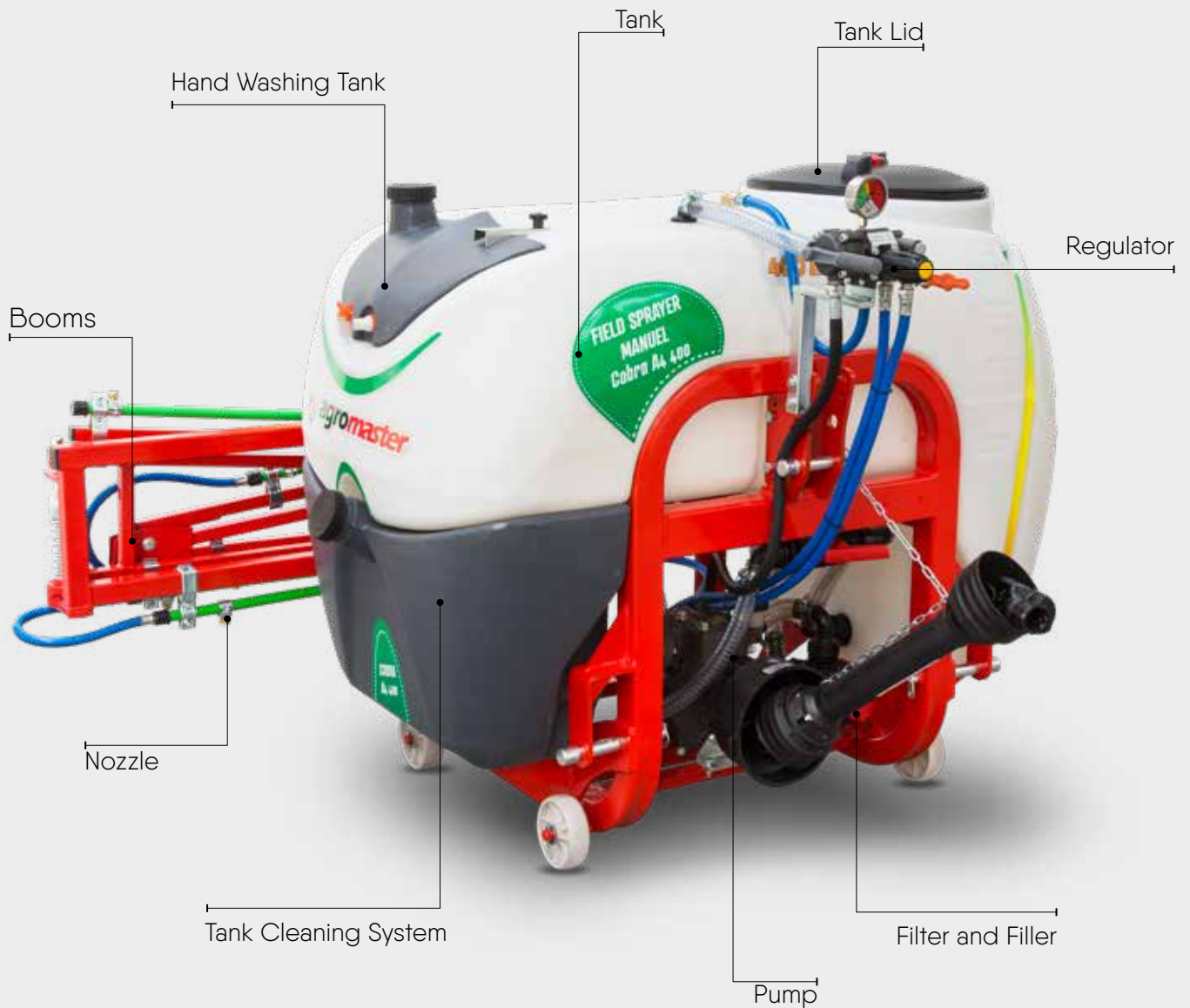
To watch video of Agromaster Cobra,
point the camera towards QR code.



COBRA A 400
COBRA A 600
COBRA A 800
COBRA A 1000

COBRA A SERIES FIELD SPRAYER, MOUNTED TYPE MANUEL CONTROLLED BOOM

400, 600, 800, 1000 ltr sprayer tanks are produced from polyethylene material.

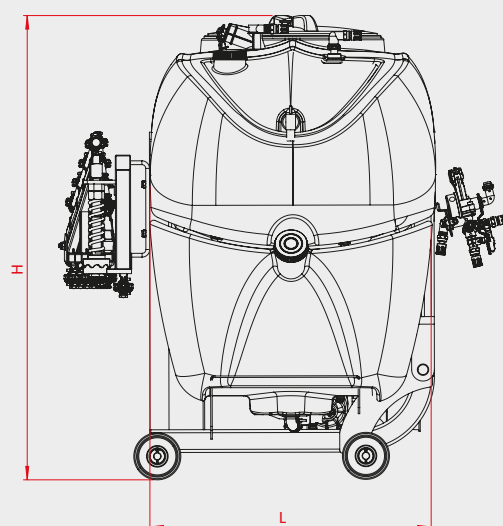
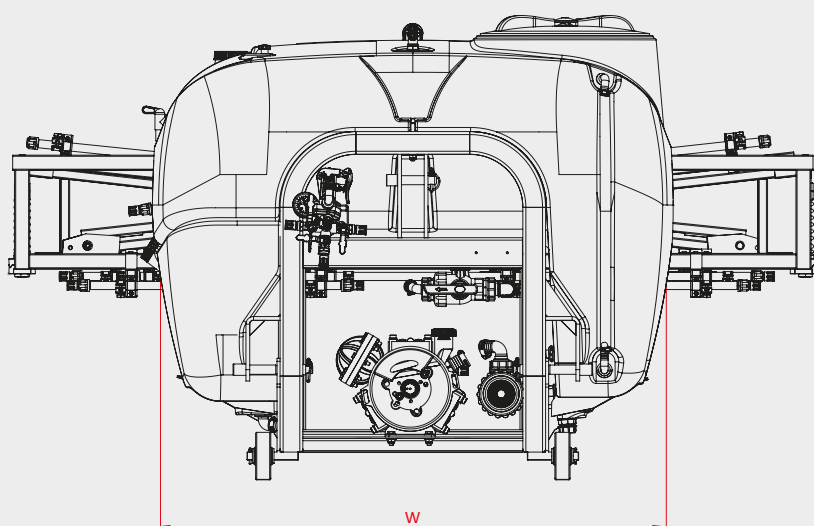


Technical Specifications*	Unit	COBRA A 400	COBRA A 600	COBRA A 800	COBRA A 1000
Capacity	L	400	600	800	1000
	gallon	105	158	211	264
Width without boom (W)	mm	1400	1450	1750	1750
	ft.in	4'7"	4'9"	5'8"	5'8"
Length without boom (L)	mm	820	820	820	820
	ft.in	2'8"	2'8"	2'8"	2'8"
Total Height (H)	mm	1200	1400	1400	1650
	ft.in	3'11"	4'7"	4'7"	5'5"
Pump Type		C71 / membrane			
Pump Flowrate	L/min	71			
Pump Pressure	bar	50			
Boom Length	m / M	8-10-12			
	ft.in	26'3"-32'10"-39'4"			
Regulator Model		OSR			
Pressure Safety Valve		standard			
Tank Mixer		standard			
Tank Material		polyethylene			
Hand Washing Tank	L	5			
	gallon	1			
Tank Washing System	L	60	60	100	100
	gallon	16	16	26	26
PTO Rotation	rpm	540			
Required Power	hp	40-50	50-60	70-80	90-100
Total Weight	kg	145	150	175	185
	lbs	319	330	385	407

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 16 for boom details.



COBRA B 600
COBRA B 800
COBRA B 1000

COBRA B SERIES FIELD SPRAYER, MOUNTED TYPE SEMI-HYDRAULIC BOOM

600, 800, 1000 ltr sprayer tanks are produced from polyethylene material.

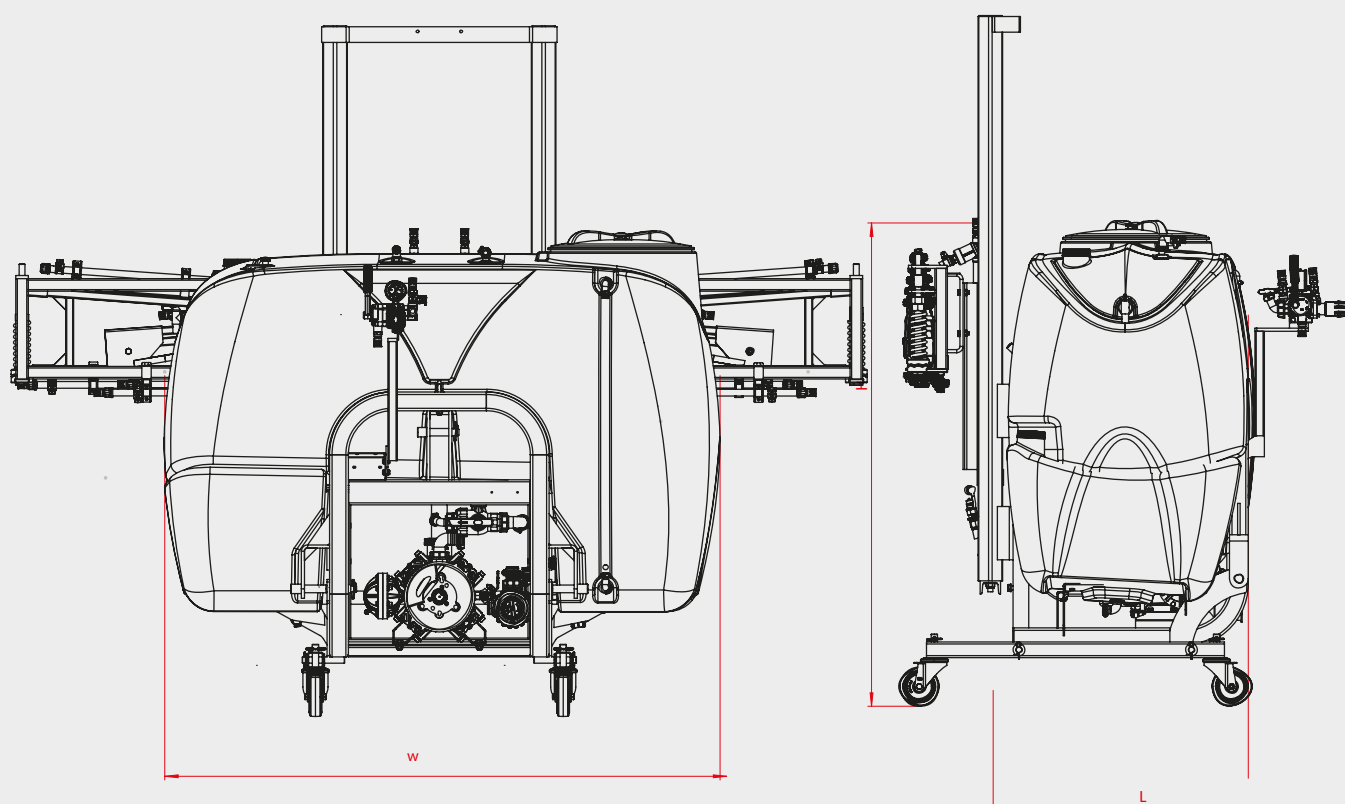


Technical Specifications*	Unit	COBRA B 600	COBRA B 800	COBRA B 1000
Capacity	L	600	800	1000
	gallon	158	211	264
Width without boom (W)	mm	1450	1750	1750
	ft.in	4'9"	5'8"	5'8"
Length without boom (L)	mm	940	940	940
	ft.in	3'1"	3'1"	3'1"
Total Height (H)	mm	2070	2070	2070
	ft.in	6'9"	6'9"	6'9"
Pump Type		C-96		
Boom Length	m	12		
	ft.in	39'4"		
Regulator Model		OSR		
Pressure Safety Valve		standard		
Tank Mixer		standard		
Tank Material		polyethylene		
Hand Washing Tank	L	5		
	gallon	1		
Tank Washing System	L	60	100	100
	gallon	15	26	26
PTO Rotation	rpm	540		
Required Power a	hp	50-60	70-80	90-100
Total Weight	kg	230	260	270
	lbs	507	573	595

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 16 for boom details.



COBRA C 600
COBRA C 800
COBRA C 1000

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

600, 800, 1000 ltr sprayer tanks are produced from polyethylene material.

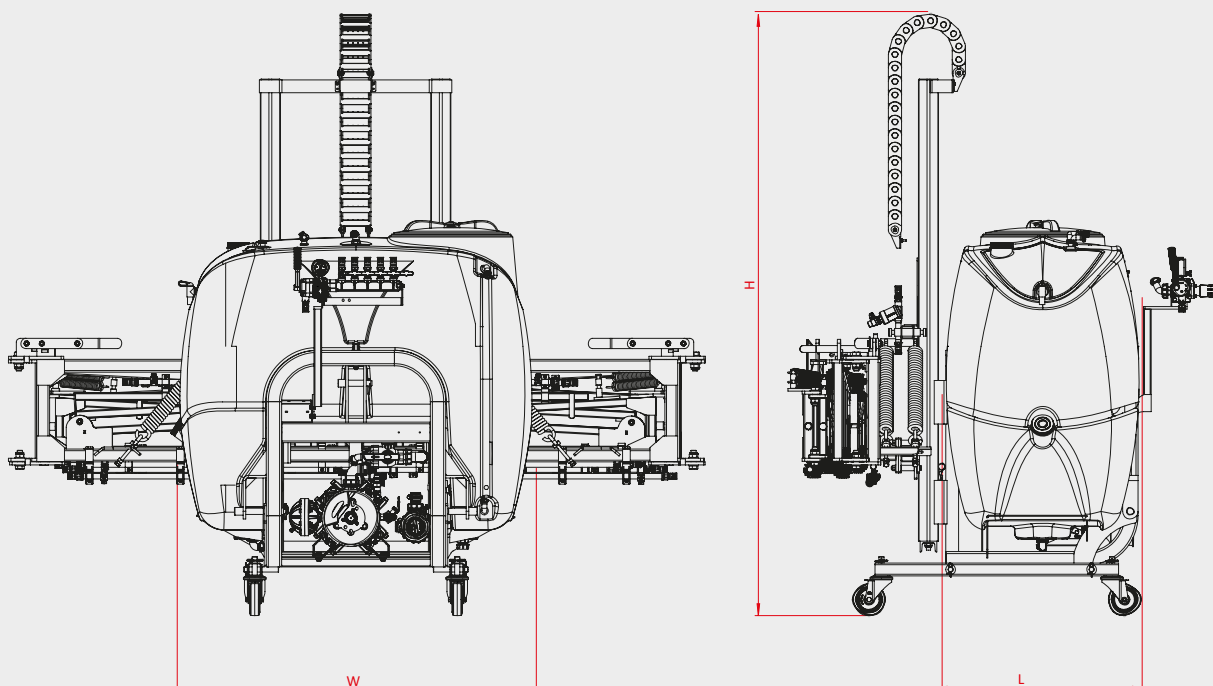


Technical Specifications*	Unit	COBRA C 600	COBRA C 800	COBRA C 1000
Capacity	L	600	800	1000
	gallon	158	211	264
Width without boom (W)	mm	1450	1750	1750
	ft.in	4'9"	5'8"	5'8"
Length without boom (L)	mm	940	940	940
	ft.in	3'1"	3'1"	3'1"
Total Height (H)	mm	2220	2220	2220
	ft.in	7'3"	7'3"	7'3"
Pump Type		C 96 / membrane		
Pump Flowrate	L/min	96		
Pump Pressure	bar	50		
Boom Length	m	14-16		
	ft.in	45'11" - 52'6"		
Regulator Model		OSR		
Pressure Safety Valv		standard		
Tank Mixer		standard		
Tank Material		polyethylene		
Hand Washing Tank	L	5		
	gallon	1		
Tank Washing System	L	60	100	100
	gallon	15	26	26
PTO Rotation	rpm	540		
Required Power	hp	50-60	70-80	90-100
Total Weight	kg	260	290	300
	lbs	573	639	661

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

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Look at page 16 for boom details.

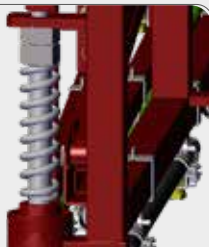


STANDARD FEATURES

For COBRA A



Best quality 3 membrane C71 pump which is produced by our factory is the most efficient product in its segment.



Boom springs provide proper opening and closing thanks to its lock system

For COBRA A / COBRA B / COBRA C



Long-lasting and cleanable nozzle provides homogeneous disinfection



Hand Washing Tank



Tank Lid



Tank Cleaning System



Cleanable Filter



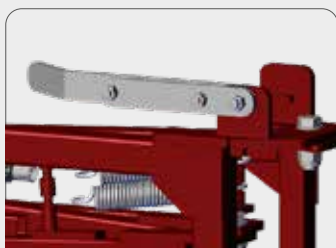
By the help of pressure regulator right or left spraying and the pressure adjustment can be made.

For COBRA B / COBRA C

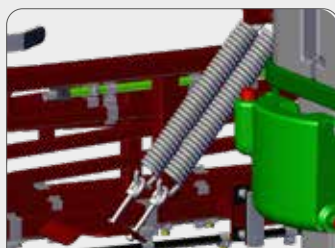


Best quality 4 membrane C96 pump which is produced by our factory is the most efficient product in its segment.

For COBRA C



Boom Lock System



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

OPTIONS

For COBRA A / COBRA B / COBRA C



Optional galvanized frame, boom and chrome pipe prevents corrosion for life-extentioning of machine.



Part Name	Single Plastic
Code	110.11.20



Part Name	Triple Plastic
Code	110.11.22



Part Name	Quadr Plastic
Code	110.11.23



Part Name	Hose Blue 90 Bar
Code	110.31.06



Part Name	Hose Reel
Code	110.31.05



Part Name	Short Gun
Code	110.31.01

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

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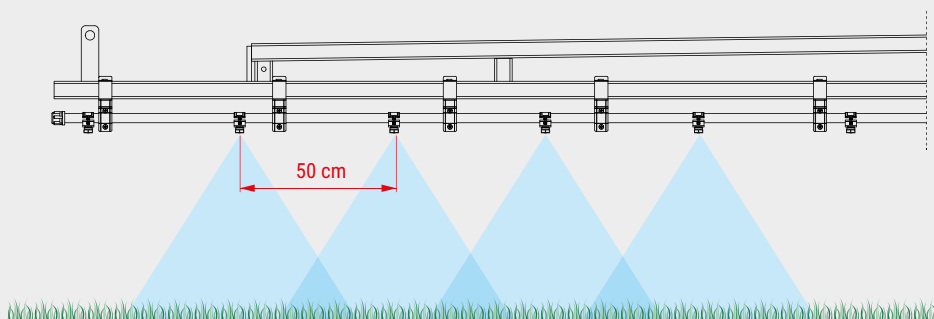
Semi-Hydraulic / Heavy Duty Semi-Hydraulic Controlled Boom

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

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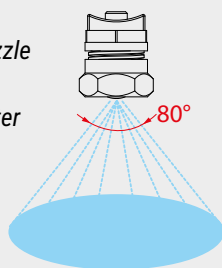
Distance Between Nozzles



Nozzle Spraying Types

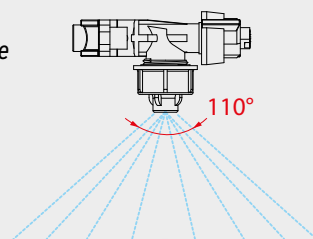
Chonic Brass Nozzle

Plate hole diameter
1.2 mm
1.5 mm

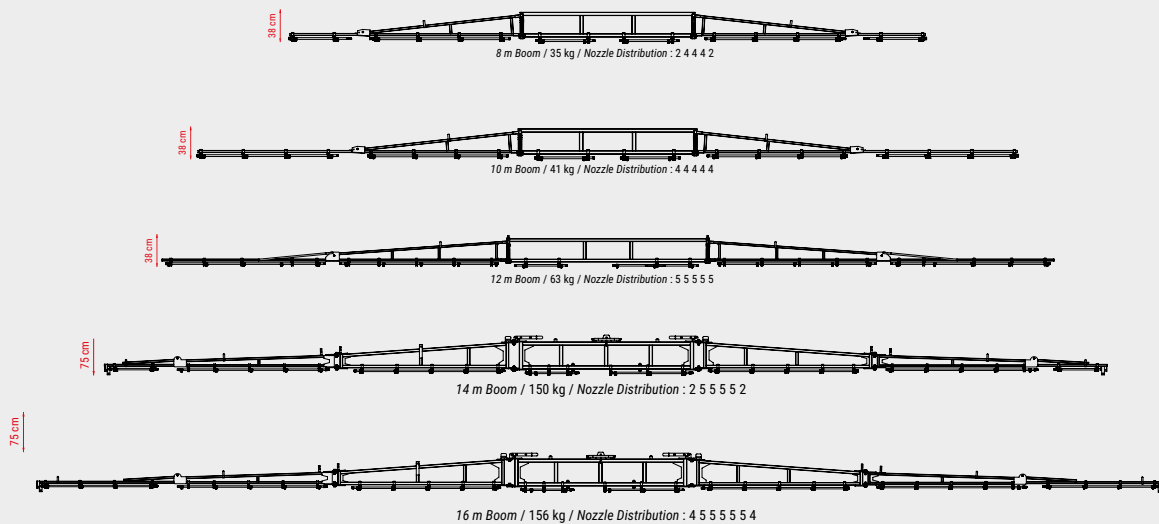


Curtain Spray Nozzle

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



Boom Types



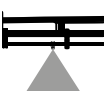
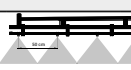
Spraying Norm Table for Conical Brass Nozzle

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	21
	2.5	0.36	86	72	62	54	43	36	31	27	24
	3.0	0.39	94	78	67	59	47	39	33	29	26
	4.0	0.45	108	90	77	68	54	45	39	34	30
	5.0	0.51	122	102	87	77	61	51	44	38	34
ST 110-015 80-015 (80 M)	2.0	0.48	115	96	82	72	58	48	41	36	32
	2.5	0.54	130	108	93	81	65	54	46	41	36
	3.0	0.59	142	118	101	89	71	59	51	44	39
	4.0	0.68	163	136	117	102	82	68	58	51	45
	5.0	0.76	182	152	130	114	91	76	65	57	51
ST 110-02 80-02 (60 M)	2.0	0.65	156	130	111	98	78	65	56	49	43
	2.5	0.73	175	146	125	110	88	73	63	55	49
	3.0	0.80	192	160	137	120	96	80	69	60	53
	4.0	0.92	221	184	158	138	110	92	79	59	61
	5.0	1.03	247	206	177	155	124	103	88	77	69
SC 110-025 (60 M)	2.0	0.81	194	162	139	122	97	81	69	61	54
	2.5	0.91	218	182	156	137	109	91	78	68	61
	3.0	0.99	238	198	170	149	119	99	85	74	66
	4.0	1.15	276	230	197	173	138	115	99	86	77
	5.0	1.28	307	256	219	192	154	128	110	96	85
SC/ST 110-032 80-03 (60 M)	2.0	0.97	233	194	166	146	116	97	83	73	65
	2.5	1.08	259	216	185	162	130	108	93	81	72
	3.0	1.19	286	238	204	179	143	119	102	89	79
	4.0	1.37	329	274	235	206	164	137	117	103	91
	5.0	1.53	367	306	262	230	184	153	131	115	102
SC/ST 110-04 80-04 (60 M)	2.0	1.29	310	258	221	194	155	129	111	97	86
	2.5	1.44	346	288	247	216	173	144	123	108	96
	3.0	1.58	379	316	271	237	190	158	135	119	105
	4.0	1.82	437	364	312	273	218	182	156	137	121
	5.0	2.04	490	408	350	306	245	204	175	153	136
SC/ST 110-05 80-05 (25 M)	2.0	1.61	386	322	276	242	193	161	138	121	107
	2.5	1.80	432	360	309	270	216	180	154	135	120
	3.0	1.97	473	394	338	296	236	197	169	148	131
	4.0	2.28	547	456	391	342	274	228	195	171	152
	5.0	2.55	612	510	437	383	306	255	219	191	170
SC/ST 110-06 80-06 (25 M)	2.0	1.93	463	386	331	290	232	193	165	145	129
	2.5	2.16	516	432	370	324	259	216	185	162	144
	3.0	2.36	566	472	405	354	283	236	202	177	157
	4.0	2.73	655	546	468	410	328	273	234	205	182
	5.0	3.05	732	610	523	458	366	305	261	229	203
SC/ST 110-05 80-05 (25 M)	2.0	2.58	619	516	442	387	310	258	221	194	172
	2.5	2.88	691	576	494	432	346	288	247	216	192
	3.0	3.16	758	632	542	474	379	316	271	237	211
	4.0	3.65	876	730	626	548	438	365	313	274	243
	5.0	4.08	979	816	699	612	490	408	350	306	272



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