

FIELD SPRAYERS, TRAILED TYPE

APACHE THU



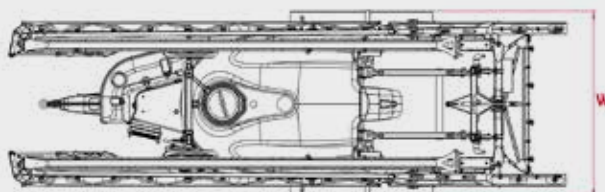
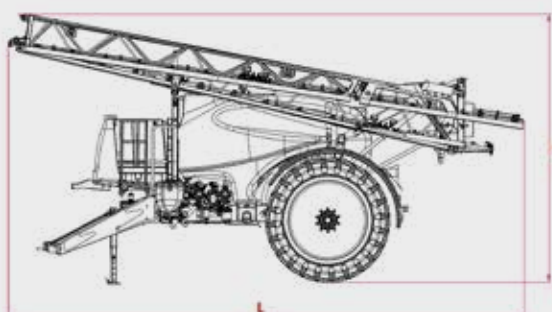
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**APACHE THU
3600**
APACHE, Series Field Sprayer, Trailed Type Hydraulic Boom

APACHE Series hydraulic boom sprayers are durable for many options and it finds use in traditional farming, horticulture, orchards, vineyards and on grasslands. Trailed type 3600 Liter field sprayers are used for multipurpose plant protection. Sprayers connected to drawbar of tractor and powered by P.T.O.



Apache Series Trailed Type Hydraulic Boom

Technical Specifications*	Unit	APACHE THU 3600
Capacity	L	3600
	gallon	951
Clean Water Tank Capacity	L	400
	gallon	105
Hand Wash Tank	L	15
	gallon	3
Transport Width (W)	mm	2550
	ft.in	8'4"
Transport Length (L)	mm	7600
	ft.in	24'11"
Transport Height (H)	mm	3800-4000
	ft.in	12'5"-13'1"
Pump Type		Imovilli DB 274
Pump Flowrate	L/min	273
	gallon/min	72
Pump Pressure	bar	5
PTO Rotation	rpm	540
Ground Clearance Axle	mm	700
	ft.in	2'3"
Working Pressure, Max.	bar	8
Working Speed	km/h	4 - 16
Pump Capacity Basic	l/min	270
	gallon/min	71
Unladen Weight	kg	3150-3900
	lbs	6944-8598
Max. Permissible Vertical Load	kg	2000
	lbs	4409
Axle Load Empty	kg	2900-3300
	lbs	6393-7275
Max. Permissible Axle Load	kg	8000
	lbs	17636

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

* Manufacturer reserves rights to change them without notice.

Technical Specifications*	Unit	BOOM
Working Width	m	24
	ft.in	78'8"
Boom Type		Full Hydraulic
Sections (Depending On The Boom)	m	5-18
	ft.in	16'4"-59'
Working Height	mm	500-2050
	ft.in	1'7"-6'8"

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

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STANDARD FEATURES

For Apache THU



Long-lasting and cleanable nozzle provides homogeneous disinfection



Part Name	Single Plastic
Code	110.11.20



Part Name	Triple Plastic
Code	110.11.22



Durable Wheel



Airbreak Axle



Mudguard



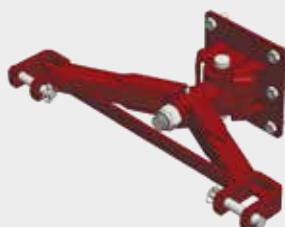
Control Valves



Cleanable Filter



Jack



Drawbar Group



Tank Lid

For Apache THU



Ladder for easy acces



Foldable Boom



Level Indicator



Hand Washing Tank



Tool Box



Drawbar



Traffic Warning Sign

OPTIONS

For Apache THU



Part Name	Quadr Plastic
Code	110.11.23



Hydraulic Sorter System



6 Output Electronic Regulator



7 Output Electronic Regulator



Arag Bravo 180



Arag Bravo 180 With Hydraulic System



Arag Bravo 400

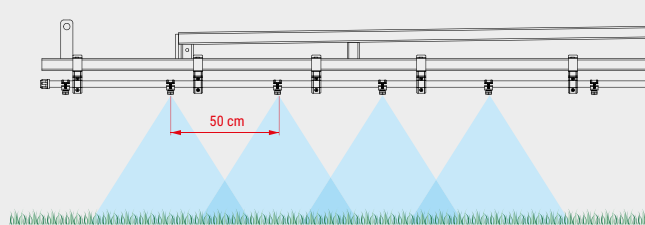


Spraying Proportioning



Mixer

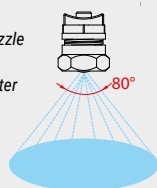
Distance Between Nozzles



Nozzle Spraying Types

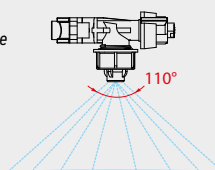
Chonic Brass Nozzle

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



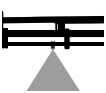
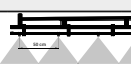
Spraying Norm Table for Conical Brass Nozzle

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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