BOOMLESS FLAT FAN NOZZLES - XT-BOOM X TENDER

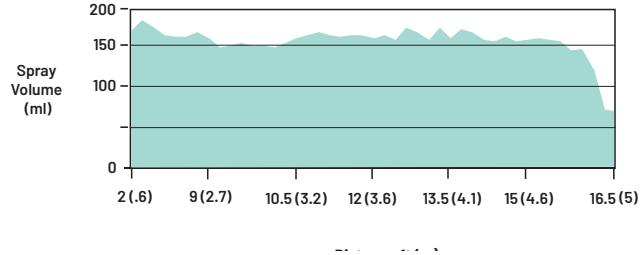
The XT introduces boomless spray technology, enabling spray to be targeted into places that conventional booms and other nozzles cannot reach. XT delivers a uniform spray pattern over a distance of up to 16 feet (4.9 m). Ideal for weed control in forests and pastureland.

- Ideal for applications where a conventional boom cannot be used due to obstacles
- Common uses include orchard, vineyard, forestry, pasture, turf and golf course spraying, as well as maintaining rights-of-way and fence rows
- Excellent low-drift option while extending spray reach
- Large droplet size reduces spray drift and promotes spray penetration
- Maintains a consistent spray swath over a pressure range of 30-60 psi (2-5 bar)
- Standard models with precision-molded polyacetal nozzle and threaded stainless steel body provide excellent durability and low maintenance

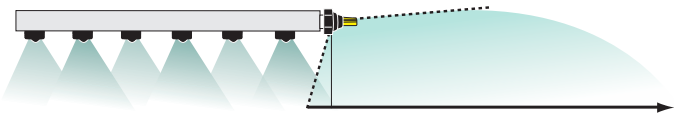
US UNITS

Nozzle Size (MNPT)	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre at swath shown MPH 4	5	6	8	10	12	15	20	GAL/1000FT² 2	3	4	5	Swath (Ft) at 40 PSI 48 in high
10 (1/4")	30	0.9	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16	13
	40	1.0	9.9	7.9	6.6	5.0	4.0	3.3	2.6	2.0	0.45	0.30	0.23	0.18	
	50	1.1	10.9	8.7	7.3	5.4	4.4	3.6	2.9	2.2	0.50	0.33	0.25	0.20	
	60	1.2	11.9	9.5	7.9	5.9	4.8	4.0	3.2	2.4	0.55	0.36	0.27	0.22	
20 (1/4")	30	1.7	13.6	10.9	9.0	6.8	5.4	4.5	3.6	2.7	0.62	0.42	0.31	0.25	15
	40	2.0	16.0	12.8	10.6	8.0	6.4	5.3	4.3	3.2	0.73	0.49	0.37	0.29	
	50	2.2	17.6	14.1	11.7	8.8	7.0	5.9	4.7	3.5	0.81	0.54	0.40	0.32	
	60	2.4	19.2	15.3	12.8	9.6	7.7	6.4	5.1	3.8	0.88	0.59	0.44	0.35	
24 (1/4")	30	2.1	16.2	13.0	10.8	8.1	6.5	5.4	4.3	3.2	0.75	0.50	0.37	0.30	16
	40	2.4	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34	
	50	2.7	20.9	16.7	13.9	10.4	8.4	7.0	5.6	4.2	0.96	0.64	0.48	0.38	
	60	2.9	22.4	17.9	15.0	11.2	9.0	7.5	6.0	4.5	1.03	0.69	0.51	0.41	
43 (3/8")	30	3.7	31.6	25.3	21.1	15.8	12.6	10.5	8.4	6.3	1.45	0.97	0.72	0.58	14
	40	4.3	36.7	29.4	24.5	18.3	14.7	12.2	9.8	7.3	1.68	1.12	0.84	0.67	
	50	4.8	41.0	32.8	27.3	20.5	16.4	13.7	10.9	8.2	1.88	1.25	0.94	0.75	
	60	5.3	45.2	36.2	30.2	22.6	18.1	15.1	12.1	9.0	2.08	1.38	1.04	0.83	
80 (1/2")	30	6.9	68.3	54.6	45.5	34.2	27.3	22.8	18.2	13.7	3.14	2.09	1.57	1.25	13
	40	8.0	79.2	63.4	52.8	39.6	31.7	26.4	21.1	15.8	3.64	2.42	1.82	1.45	
	50	8.9	88.1	70.5	58.7	44.1	35.2	29.4	23.5	17.6	4.04	2.70	2.02	1.62	
	60	9.8	97.0	77.6	64.7	48.5	38.8	32.3	25.9	19.4	4.45	2.97	2.23	1.78	
167 (3/4")	30	14.5	128	103	85.4	64.1	51.3	42.7	34.2	25.6	5.88	3.92	2.94	2.35	15
	40	16.7	148	118	98.4	73.8	59.0	49.2	39.4	29.5	6.78	4.52	3.39	2.71	
	50	18.7	165	132	110	82.6	66.1	55.1	44.1	33.1	7.59	5.06	3.79	3.03	
	60	20.5	181	145	121	90.6	72.5	60.4	48.3	36.2	8.32	5.54	4.16	3.33	
215 (3/4")	30	18.6	144	115	95.9	71.9	57.5	48.0	38.4	28.8	6.60	4.40	3.30	2.64	16
	40	21.5	166	133	111	83.1	66.5	55.4	44.3	33.3	7.63	5.09	3.82	3.05	
	50	24.0	186	149	124	92.8	74.3	61.9	49.5	37.1	8.52	5.68	4.26	3.41	
	60	26.3	203	163	136	102	81.4	67.8	54.2	40.7	9.34	6.22	4.67	3.73	

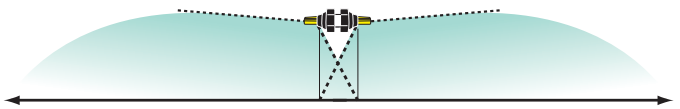
TYPICAL SPRAY PATTERN PRODUCED BY XT SERIES



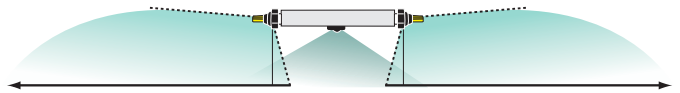
COMMON USES OF THE BOOM X TENDER SPRAY NOZZLES



Boom X Tender Spraying
(last nozzle on the boom)



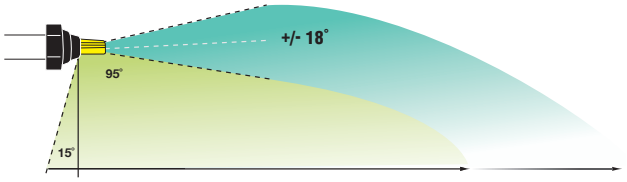
Boomless Spraying



Boomless Spraying with Center Nozzle

ADJUSTABLE SWATH WIDTH

Swath width can be increased or decreased by adjusting the angle of the nozzle +/- 18˚.



BOOMLESS FLAT FAN NOZZLES - XT-BOOM X TENDER

Boom X Tender nozzles are ideal for boomless spraying or as the last nozzle on a boom.

Hypro's Boom X Tender nozzles provide excellent coverage throughout the swath width for superior results.

Gasket, insert and o-ring kits available to rebuild MNPT versions.

METRIC UNITS

Nozzle Size (MNPT)	Pressure (BAR)	Flow Rate (LPM)	Application Rate L/Ha - at swath shown KM/H 4	5	6	7	8	10	12	14	16	18	20	Swath Width (M) @ 2.76 BAR 1.22 meters high
10 (1/4 inch)	2	3.2	124	99	83	71	62	50	41	35	31	28	25	3.9
	3	3.9	152	121	101	87	76	61	51	43	38	34	30	
	4	4.6	175	140	117	100	88	70	58	50	44	39	35	
20 (1/4 inch)	2	6.4	201	161	134	115	101	81	67	58	50	45	40	4.8
	3	7.9	247	197	165	141	123	99	82	71	62	55	49	
	4	9.1	285	228	190	163	142	114	95	81	71	63	57	
24 (1/4 inch)	2	7.7	237	189	158	135	118	95	79	68	59	53	47	4.9
	3	9.5	290	232	193	166	145	116	97	83	73	64	58	
	4	10.9	335	268	223	191	167	134	112	96	84	74	67	
43 (3/8 inch)	2	13.9	473	378	315	270	236	189	158	135	118	105	95	4.4
	3	17	579	463	386	331	289	232	193	165	145	129	116	
	4	19.6	668	535	446	382	334	267	223	191	167	149	134	
80 (1/2 inch)	2	25.8	992	793	661	567	496	397	331	283	248	220	198	3.9
	3	31.6	1215	972	810	694	607	486	405	347	304	270	243	
	4	36.5	1403	1122	935	802	701	561	468	401	351	312	281	
167 (3/4 inch)	2	53.8	1878	1502	1252	1073	939	751	626	537	469	417	376	4.3
	3	65.9	2300	1840	1533	1314	1150	920	767	657	575	511	460	
	4	76.1	2656	2125	1771	1518	1328	1062	885	759	664	590	531	
215 (3/4 inch)	2	69.3	2122	1697	1414	1212	1061	849	707	606	530	471	424	4.9
	3	84.9	2598	2079	1732	1485	1299	1039	866	742	650	577	520	
	4	98	3000	2400	2000	1715	1500	1200	1000	857	750	667	600	

Swath widths and application rates in charts are based on height of 48 inches (1.2 metres), a different height will give different swath widths

Features	
Common Use	Weeds
Pattern	Boomless Fan
Technology	Pre-Orifice
Material	Stainless or Polyacetal
Spray Angle	105°
Pressure Range	30-60 PSI (2-5 BAR)
Configuration	MNPT & FastCap

Part Numbers		
FastCaps	MNPT (Thread)	Parts Kits for MNPT version
FC-XT010	XT010 (1/4")	XT010-GIOKIT
FC-XT020	XT020 (1/4")	XT020-GIOKIT
FC-XT024	XT024 (1/4")	XT024-GIOKIT
FC-XT043	XT043 (3/8")	XT043-GIOKIT
-	XT080 (1/2")	XT080-GIOKIT
-	XT167 (3/4")	XT167-GIOKIT
-	XT215 (3/4")	XT215-GIOKIT

Replacement FastCap Seal
10BG-2270-0150

Model	Description
9950-0033	Boom X Tender Tee/Swivel Kit for use with 1/4" NPT or Fastcap XT Nozzles

$$GPM = \frac{GPA \times MPH \times swath\ width\ (in)}{5{,}940}$$

$$GPM = \frac{GPA \times 5{,}940}{MPH \times swath\ width\ (in)}$$

$$LPM = \frac{L/ha \times Kmph \times swath\ width\ (m)}{600}$$

$$L/ha = \frac{LPM \times 600}{Kmph \times swath\ width\ (m)}$$